

Actmix

PRODUCT CATALOGUE

预分散橡胶助剂专业生产商

Professional Manufacturer
Pre-dispersed Rubber Chemicals & Additives

Actmix

宁波艾克姆新材料股份有限公司
Ningbo Actmix Rubber Chemicals Co., Ltd

地址：浙江省宁波市江北区高新技术产业园皇吉浦路 261 号 (315034)
Add: No.261, Huangjipu Rd., High-Tech Park, Jiangbei District, Ningbo China (315034)

Tel: 86-574-81880068

Fax: 86-574-88002102

Email: actmix@actmix.cn

Web: www.actmix.cn



宁波艾克姆新材料股份有限公司
Ningbo Actmix Rubber Chemicals Co., Ltd

企业文化

ENTERPRISE CULTURE

Actmix

Enterprise
Vision

TO BE A LEADING MANUFACTURER OF HIGH QUALITY
PRE-DISPersed RUBBER CHEMICALS & ADDITIVES

Enterprise Spirit

Collaboration makes better future!

Enterprise Mission

Ensure product quality, stick to technological innovation; Increase business profit, improve employee welfare; Pay attention to environment protection, take social responsibility.

Business Philosophy

Quality first, integrity first

Management Philosophy

Management system standardization and people oriented

Quality Policy

Stable quality, attentive service, brand promotion, enterprise well-known

Environment Policy

Energy saving and low carbon, clean production, effective improvement, environment protection and health care

Social responsibility Policy

Abide by business ethics, improve humanistic care, prohibit corruption and bribery, improve salary and welfare system

Enterprise Values

Pragmatism, innovation, responsibility, brand

Enterprise Talent

Talent is the foundation of enterprise development; Give full play to the important role of talent, realize the win-win situation of talent and enterprise.

About Actmix



Ningbo Actmix Rubber Chemicals Co., Ltd, located in Ningbo Jiangbei High-tech Park, set up in 2009, is a leading manufacturer of Pre-dispersed rubber chemicals & additives (masterbatch) in China. The company has been assessed and certified as meeting requirements of IATF16949, ISO14001, ISO45001.

Actmix has built and put into use the new modern, intelligent, digital factory with annual production capacity of 25,000 metric tons. With hundreds of Pre-dispersed rubber additives products, Actmix is a large-scale manufacturer in China and has become an important influential rubber chemicals manufacturer in the world. Actmix can customize the masterbatch of different active content and polymer binder and provide customers with comprehensive solutions for rubber additives. Actmix has been awarded the product quality credit by China Rubber Industry Association, and is their recommended brand.

As a national high-tech enterprise, Actmix continues to pay attention to research and development, especially the environment-friendly rubber accelerators. Actmix has provincial high-tech enterprise R&D center and postdoctoral workstation and has established long-term and stable cooperation with Qingdao University of Science and Technology and Chinese Academy of Sciences. Actmix has hosted or participated in the development of a number of industry standards.

Actmix Pre-dispersed rubber chemicals & additives (masterbatch) are featured with high stability, high dispersibility and high homogeneity, widely applied for high-end rubber industry, such as automotive rubber sealing strips, rail traffic, hoses, shock absorber, tyre etc. Actmix Pre-dispersed rubber chemicals & additives have been exported to Europe, North and South America, Southeast Asia, Middle East and other countries and regions.



Production workshop



R&D Building



Products content

Rubber Accelerator

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix CBS-80GE F140	N-cyclohexyl-2-benzothiazyl sulfenamide	EPDM/EVM	Grey-white granules	Basic accelerator for sulphur cured diene rubbers, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix TBBS-75GE F200 TBBS-80GE F200	N-tert.-butyl-2-benzothiazyl sulphenamide	EPDM/EVM	White granules	Basic accelerator for sulphur cured diene rubbers, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix MBS-80GE F200	Benzothiazyl-2-sulphene morpholide	EPDM/EVM	Light-yellow granules	Semi-ultra accelerator for the vulcanization of natural and synthetic rubbers.
Actmix DCBS-80GE F140	N,N-Dicyclohexyl-2-Benzothiazole Sulfenamide	EPDM/EVM	Beige granules	Delay scorching and long curing time of vulcanization accelerator for wire rubber formulations, to improve adhesion.
Actmix DPTT-70GE F140 DPTT-75GE F140	Dipentamethylene thiuram tetrasulfide	EPDM/EVM	Light-yellow granules	Used as a primary, secondary accelerator, or sulfur donor for natural and synthetic rubber, can improve the heat resistance and aging performance of vulcanizate, especially for light-colored products.
Actmix TETD-75GE F200	Tetraethyl thiuram disulphide	EPDM/EVM	Light-yellow granules	Ultra accelerator and scorch-safe for the vulcanization of natural and synthetic rubbers, and curing agent for the sulphur-less, or low sulphur vulcanization.
Actmix TMTD-80GE F140	Tetramethyl thiuram disulphide	EPDM/EVM	White granules	used as a single accelerator, secondary accelerator, and sulfur donor in most sulfur vulcanized elastomer, and has good heat aging resistance and compression deformation resistance.
Actmix TMTM-80GE F500	Tetramethyl thiuram monosulphide	EPDM/EVM	Yellow granules	Ultra accelerator or secondary accelerator or as a sulfenamide auxiliary accelerator to obtain a faster vulcanization rate.
Actmix TBTD-40PE TBTD-55GE	Tetrabutyl thioperoxydicarbamic acid	EPDM/EVM	Grey-green slab Pale green granules	Ultra accelerator for natural and synthetic rubber. None blooming & pollution for manufacturing the inner tube, rubber shoes, adhesive tap etc rubber parts.
Actmix TBzTD-70GE F140 TBzTD-80GE F140	Tetrabenzyl thiuram disulphide	EPDM/EVM	Light-yellow granules	N-Nitrosamine-free sulphur donor and accelerator; ultra accelerator of natural and synthetic rubber vulcanization.
Actmix DIP-40GE	Diisopropyl xanthan polysulfide	EPDM/EVM	Yellow-green granules	Ultra-speed Xanthogen acid rubber vulcanization accelerator, with excellent dispersibility; mainly used in the manufacture of adhesive tape, medical and surgical rubber products, rubber shoes, waterproof cloth, self-flowing latex and latex products, etc.

07/24 Actmix Pre-dispersed Rubber Chemicals & Additives (Masterbatch)

07 Rubber Accelerator	18 NBR binder series
10 Zinc dialkyl-dithiophosphate	19 IR binder series
11 Vulcanizing agent	20 NR binder series
12 Foaming agent	21 Rubber antioxidant
13 Synergistic combination accelerator	22 Scorching retarders & Bactericidal and anti-algae agent
14 Stained color masterbatch	23 Deodorant
15 Metal oxide activators	24 Slab form series
16 Adhesive & Desiccant agent	
17 SBR binder series	

New Rubber Accelerator

25/30 Curekind Rubber Chemicals & Additives

25 Thiazoles Accelerator / Sulfenamide Accelerator / New Rubber Accelerator	28 Dithiocarbamate Salts Accelerator
26 Thiuram Accelerator / Guanidine Accelerator	29 Antioxidant
27 Thiourea Accelerator/ Vulcanizing agent	30 Scorching Retarders / Processing Activator / Processing Promoters

Actmix Product Code

Actmix CBS-80GE F140

Trade mark: Actmix Active ingredient: CBS Active content: 80 Form: G: granules; P: slab
Binder system: E: EPDM/EVM; S: SBR; N: NBR; R: IR; NR: Natural rubber Filter mesh size: 140µm

Rubber Accelerator

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix TiBTD-80PE	Isobutyl thiuram disulfide	EPDM/EVM	Light-yellow slab	ECO-friendly thiuram accelerator, can replace of TMTD, TETD, TMTM.
Actmix DDTS-80GE F140 MPTD-80GE F140	Dimethyldiphenylthioperoxy dicarbamic acid	EPDM/EVM	Grey-white granules	Slow acting accelerator suitable for natural rubber, SBR, IR, CR etc. Combination used with TMTD, TMTM as secondary accelerator to improve the processing safety of rubbers.
Actmix MBT-80GE F140	2-mercapto-benzthiazol	EPDM/EVM	Light-yellow granules	Rapid curing speed, accelerator for the vulcanization of natural and synthetic rubbers.
Actmix MBTS-75GE F140 MBTS-80GE F140	Dibenzothiazyl disulphide	EPDM/EVM	Light-yellow granules	Moderate curing speed accelerator for the vulcanization of natural and synthetic rubbers.
Actmix MDB-80GE F140	2-(4'-Morpholinodithio) benzothiazole	EPDM/EVM	Dark-yellow granules	Fast-curing primary or secondary accelerator for NR, SBR, Nitrile and EPDM. Also can be used in CR as anti-scorching agent. Can be used in the rubber contact with food.
Actmix ETU-80GE F140 ETU-75GE F140	N,N'-ethylene thiourea	EPDM/EVM	White granules	Accelerator for rapid vulcanization of chloroprene rubber and other diene rubbers, particularly CR, EPDM, ECO and CM.
Actmix DETU-80GE F500	N,N'-Diethylthiocarbarnide	EPDM/EVM	Light yellow granules	Especially suitable for continuous vulcanization process of chloroprene rubber. Vulcanizates heat aging and mechanical properties very well, non-blooming.
Actmix MTT-80GE F500	3-methylthiazolidine-2-thione	EPDM/EVM	Off-white granules	ECO-friendly accelerator, can be replaced of ETU. Used as vulcanization accelerator for chloroprene rubber, Injection-molded and technical extruded articles.
Actmix OTOS-80GE	Morpholin-4-yl morpholine-4-carbodithioate	EPDM/EVM	White granules	Uses for NR, BR, SBR, NBR etc general rubber, with long scorching time, high processing safety and fast vulcanization speed. It is widely used in rubber products with high damping, high heat resistance and good dynamic compression and permanent deformation.
Actmix DPTU-80GE F140	Diphenyl thiourea	EPDM/EVM	Grey-white granules	Medium-speed vulcanization accelerator. Used as secondary accelerator in CR vulcanization and EPDM vulcanization system.
Actmix PUR-75GE F140	3,4,5,6-tetrahydropyrimidine-2-thiol	EPDM/EVM	White granules	ECO-friendly rubber vulcanization accelerator, with short scorch time and slow vulcanization speed, can replace ETU, DETU, DPTU.

Rubber Accelerator

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix DPG-80GE F140	N,N'-diphenyl guanidine	EPDM/EVM	Grey granules	Accelerator for the vulcanization of natural and synthetic rubbers, particularly used as a co-accelerator with sulfenamide for tire tread compounds and in silica compounds.
Actmix DOTG-75GA F140 DOTG-75GE F140	N,N'-di-o-tolyl guanidine	ACM EPDM/EVM	Grey-white to beige granules	Accelerator for the vulcanization of natural and synthetic rubbers, particularly used for the diamine activated cross-linking of AEM or ACM.
Actmix ACT-70GA	Synergistic combination of activated amine with retarder	AEM	Yellow granules	A synergistic accelerator combination of activated amine with retarder to replace DOTG in AEM and ACM compound..
Actmix HEXA-80GE F500 HMT-80GE F500	Hexamethylene tetramine	EPDM/EVM	White granules	Co-accelerator and methylene donor for resorcinol based compounds for hardening or steel cord adhesion.
Actmix TDEC-75GE F140 TDEC-70GE F140 TDEC-50GE F140	Tellurium diethyl dithiocarbamate	EPDM/EVM	Orange granules	Ultra-fast or secondly accelerator for IIR, NR, NBR, SBR and EPDM rubbers.
Actmix ZBEC-70GE F100 ZBEC-75GE F100	Zinc dibenzyl dithiocarbamate	EPDM/EVM	White granules	Ultra accelerator for the vulcanization of natural and synthetic rubbers, esp. for EPDM continuous vulcanization.
Actmix ZDBC-80GE F140 ZDBC-75GE F140	Zinc dibutyl dithiocarbamate	EPDM/EVM	White granules	Ultra accelerator for the vulcanization of natural and synthetic rubbers.
Actmix ZDEC-75GE F140 ZDEC-80GE F140	Zinc diethyl dithiocarbamate	EPDM/EVM	White granules	Ultra accelerator for the vulcanization of natural and synthetic rubbers.
Actmix ZDMC-75GE F140 ZDMC-80GE F140	Zinc dimethyl dithiocarbamate	EPDM/EVM	White granules	Ultra accelerator for the vulcanization of natural and synthetic rubbers.
Actmix ZMBT-80GE F140 ZMBT-70GE F120	Zinc 2-mercap tobenzothiazole	EPDM/EVM	Light-yellow granules	ZMBT combined use with ZDMC or ZDEC as primary accelerator for latex. ZMBT vulcanized latex with a higher modulus.
Actmix ZEPC-80GE F140	Zinc Ethyl Phenl Dithiocarbamate	EPDM/EVM	Grey granules	Ultra accelerator for the synthetic & natural rubbers. Better anti-scorching property when used with DM. No pollution, no discoloration, odorless, tasteless and non-toxic.

Zinc dialkyl-dithiophosphate

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix ZDTP-50GE F500	Zinc dialkyl dithiophosphate	EPDM/EVM	White translucent granules	As a special accelerator for EPDM compound which containing Sulfur, ZnO, thiazoles and thiuram accelerator; do not form harmful nitrosamines during vulcanization process.
Actmix ZDT-50GE F500	Zinc dialkyl dithiophosphate	EPDM/EVM	White translucent granules	Non-staining special rubber accelerator for EPDM and other diene rubber, especially application for construction of molded and extruded rubber products, such as film, tire buffer layer, weather strips etc.
Actmix ZBOP-50GE F140	Zinc dialkyl dithiophosphate	EPDM/EVM	White translucent granules	Special rubber accelerator for EPDM and other diene rubber, do not form harmful nitrosamine during vulcanization process.
Actmix TP-50GE F140	Zinc dialkyl dithiophosphate	EPDM/EVM	White translucent granules	Special rubber accelerator for EPDM and other diene rubber, do not form harmful nitrosamine during vulcanization process.
Actmix ZBPD-50GE F140	Zinc o,o-dibutyl dithiophosphate	EPDM/EVM	White translucent granules	Special rubber accelerator for EPDM and other diene rubber, do not form harmful nitrosamine during vulcanization process.
Actmix ZAT-70GE	Dithiocarbamate phosphate	EPDM/EVM	Gray-white granules	Ultra accelerator for vulcanization of EPDM compound, do not form harmful nitrosamine during vulcanization process.
Actmix MIX-4	Zinc dialkyl dithiophosphate	EPDM/EVM	White translucent granules	ECO-friendly efficient Anti-yellowing Accelerator, mainly used for white and light color rubber products, such as sports soles.
Actmix HATA-50	Combination accelerator of Dithiocarbamate salts	EPDM/EVM	Off-white granules	ECO-friendly efficient Anti-yellowing Accelerator, mainly used for white and light color rubber products, such as sports soles.

Vulcanizing agent

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix S-80GE F200	Sulphur	EPDM/EVM	Yellow granules	Vulcanizing agent for natural and synthetic rubber.
Actmix IS60-75GE F500 IS90-65GE F500	Insoluble sulphur	EPDM/EVM	Yellow granules	Vulcanizing agent for natural and synthetic rubber.
Actmix CLD-80GE F140	Caprolact madisulfide	EPDM/EVM	Grey-white granules	ECO-friendly vulcanizing agent for heat-resistant rubber products, sanitary rubber products and colored rubber products; can replace of DTDM.
Actmix DTDM-80GE F200	Dithiodimorpholine	EPDM/EVM	White granules	Non-staining sulphur donor for the vulcanization of natural and synthetic rubber compounds.
Actmix HVA-2-75GE F140	N,N'-m-phenylene bismaleimide	EPDM/EVM	Grey-yellow granules	Non-sulfur curing agent for rubber cable, can replace the thiazoles, thiuram and all sulfur vulcanizing agent.
Actmix TCY-70GEO F140 TM-70/AEMD	2,4,6-Trimercaptos-triazine	ECO AEM	Yellow granules	Vulcanizing agent for CO, ECO, AEM and other polymers with halogen cure site.
Actmix HMDC-70GA F200	Hexamethylene diamine carbamate	AEM	White granules	Vulcanizing agent and Cross-linking agent for ethylene acrylic rubber (AEM).
Actmix CV-50	Alkyl phenol polysulfide	EPDM/EVM	Grayish yellow to yellowish brown granules	Vulcanization cross-linking agent of alkyl phenol polysulfide, the rubber compound non-blooming, with high tensile strength, and excellent thermal conductivity.
Actmix BCS-41/IIR	Alkyl phenolic resin combined with ZnO	IIR	Light-yellow granules	Butyl rubber and other rubber vulcanizing agent, especially for vulcanized the butyl capsule or water tyres.
Actmix BCS-45/IIR	Combination of heat-reactive alkyl-phenol resin with ZnO	IIR	Light-yellow granules	Complete vulcanizing package for the Butyl rubber compound, need to add neoprene.
Actmix BCS-55/IIR	Combination of heat-reactive alkyl-phenol resin with ZnO	IIR	Light-yellow granules	Complete vulcanizing package for the Butyl rubber compound.

Foaming agent

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix ADC-75P ADC-75GE	Azodicar bonamide	EPDM/EVM	Yellow slab Yellow granule	Nitrogenous organic foaming agent for various foam rubber products such as CR, EPDM,IIR, NBR(NBR/PVC) and SBR, especially for tiny and uniform pored products.
Actmix OBSH-75P OBSH-75GE	Oxybis (benzenesulfonyl hydrazide)	EPDM/EVM	White slab White granules	Organic blowing agent for the manufacture of sponge and foam rubber articles based on natural and synthetic rubbers.
Actmix DPT/PE Actmix DPT/PC	N,N-dinitroso pentamethylene tetramine	EPDM/EVM CR	Light yellow slab	Widely used in foaming products, rubber and blow molding products.
Actmix LDU/GE Actmix HDU/GE Actmix DU/GE	Microspheres foaming agent	EPDM/EVM	Beige granules	Rapid physical foaming, mainly used for solid foaming sealing strip, and lightweight rubber products, etc.
Actmix OD/GE	Pre-dispersed rubber foaming agent	EPDM/EVM	White granules	Synergistic effect of chemical foaming and physical foaming,can make the foamed rubber products with fine and uniform pore.
Actmix LFC/PE	Pre-dispersed rubber foaming agent	EPDM/EVM	White slab	Inorganic and ECO-friendly foaming agent, with the advantages of safety, endothermic decomposition and good nucleation effect.
Actmix LNA/PE	Pre-dispersed rubber foaming agent	EPDM/EVM	White slab	With the principle of gas generation by the high-temperature decomposition. Combing use with alum to produce sponge rubber products to achieve uniform foaming.

Synergistic combination accelerators

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix EG3M-75GE F140	Combination accelerator	EPDM/EVM	Light yellow granules	EPDM synergistic combination accelerator, high dispersion, can improve the EPDM vulcanization rate, non-blooming, has low odor.
Actmix EG3A-75GE F140	Combination accelerator	EPDM/EVM	Light yellow granules	Environmental friendly synergistic combination accelerator, comply with European standard, application for synthetic rubber, do not form the harmful nitrosamines, and the rubber products smell very small.
Actmix LHG-80GE F140	Combination accelerator	EPDM/EVM	Grey granules	Environmental friendly synergistic combination accelerator, comply with European standard, application for synthetic rubber, do not form the harmful nitrosamines.
Actmix LLA/GE	ECO-friendly low odor complex accelerator	EPDM/EVM	Grey-white granules	Synergistic combination of complex accelerators, with advantages of ECO-friendly low odor, do not form nitrosamines, rapid vulcanization, non blooming, excellent dispersion, and convenient weighting.
Actmix LLA-1/GE	ECO-friendly low odor complex accelerator	EPDM/EVM	Grey-white granules	Synergistic combination of complex accelerators, with advantages of ECO-friendly low odor, do not form nitrosamines, rapid vulcanization, non blooming, excellent dispersion, and convenient weighting.
Actmix LLB-1/GE	ECO-friendly low odor complex accelerator	EPDM/EVM	Grey-white granules	Synergistic combination of complex accelerators, can effectively lower the irritating odor brought by traditional vulcanization accelerators and reduce the volatile harmful gases generated during the vulcanization process.
Actmix LHL/GE4.0	ECO-friendly low odor complex accelerator	EPDM/EVM	Grey-white granules	Synergistic combination of complex accelerators,can effectively reduce the odor and VOC of EPDM products. Do not form harmful nitrosamines during the vulcanization process.

Stained color series

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix CBS-80GE/C	N-cyclohexyl-2-benzothiazyl sulfenamide	EPDM/EVM	Light-blue granules	Basic accelerator for sulphur cured diene rubbers, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix CLD-80GE/C	Caprolact madisulfide	EPDM/EVM	Light-blue granules	ECO-friendly vulcanizing agent for heat-resistant rubber products, sanitary rubber products and colored rubber products; can replace of DTDM.
Actmix DPG-80GE/C	N,N'-diphenyl guanidine	EPDM/EVM	Purple granules	Accelerator for the vulcanization of natural and synthetic rubbers, particularly used as a co-accelerator with sulfenamide for tire tread compounds and in silica compounds.
Actmix DPTT-70GE/C	Dipenta methylene thiuram tetrasulfide	EPDM/EVM	Light-green granules	Used as a primary, secondary accelerator, or sulfur donor for natural and synthetic rubber, can improve the heat resistance and aging performance of vulcanizate, especially for light-colored products.
Actmix DTDM-80GE/C	Dithiodimor pholine	EPDM/EVM	Pink granules	Non-staining sulphur donor for the vulcanization of natural and synthetic rubber compounds.
Actmix MBT-80GE/C	2-mercapto-benzthiazol	EPDM/EVM	Light-brown granules	Rapid curing speed, accelerator for the vulcanization of natural and synthetic rubbers.
Actmix MBTS-75GE/C	Dibenzothiazyl disulphide	EPDM/EVM	Light-green granules	Moderate curing speed accelerator for the vulcanization of natural and synthetic rubbers.
Actmix TBBS-80GE/C	N-tert.-butyl-2-benzothiazyl sulphenamamide	EPDM/EVM	Light-purple granules	Basic accelerator for sulphur cured diene rubbers, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix TMTD-80GE/C	Tetramethy lthiuram disulphide	EPDM/EVM	Light-orange granules	Ultra accelerator for the vulcanization of natural and synthetic rubbers, curing agent for the sulphur less or low sulphur vulcanization.
Actmix ZDBC-80GE/C	Zinc dibutyl dithiocarbamate	EPDM/EVM	Light-blue granules	Ultra accelerator for the vulcanization of natural and synthetic rubbers.
Actmix ZDMC-75GE/C	Zinc dimethyl dithiocarbamate	EPDM/EVM	Light-blue granules	Ultra accelerator for the vulcanization of natural and synthetic rubbers.
Actmix Retarder E-80GE/C	N-Phenyl-N-(Trichloro methylsulfenyl)-Benzene Sulfonamide	EPDM/EVM	Pink granule	Excellent retarder for natural and synthetic rubber, obviously delay the scorching time, not affect the curing speed.

Metal oxide activators

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix MgO-75GE F140 MgO-70GE F140 MgO150-75GE/ACT	Magnesium Oxide Active Magnesium Oxide	EPDM/EVM	Grey-white granules Grey-white to light-yellow granules	Vulcanizing activator and acid acceptor for synthetic rubber, can improve processing safety and lower the scorching possibility of rubber compounds.
Actmix ZnO-80GE F140	Zinc oxide	EPDM/EVM	White granules	Curing activator for synthetic rubber.
Actmix ZnO-80GE/ACT ZnO-85C	Activated Zinc oxide	EPDM/EVM	Light-yellow granules Off-white granules	Special active ZnO, can be used as vulcanization activator of functional additive, can achieve faster vulcanizing rate and cross-link density than ordinary ZnO.
Actmix ZnO-80G	Organic zinc	EPDM/EVM	White to light-yellow granules	Rubber vulcanizing active agent, easily dispersed. For sulfur and effective semi-effective vulcanization system, with the accelerator to form a good solubility of the complex, activate the accelerator and sulfur, improve the vulcanization efficiency, also can improve the cross-linking density of vulcanization rubber, increase its physical and mechanical properties.
Actmix PbO-80GE	Lead monoxide	EPDM/EVM	Yellow granules	Vulcanizing activator and stabilizer for CSM and CR rubber, can be filled in the polymer to work as a protective layer to block X-rays.
Actmix Pb₃O₄-80GE	Lead tetroxide	EPDM/EVM	Orange granules	Vulcanizing activator for CR IIR CSM rubber, can have the effect of X-ray absorption in rubber.
Actmix NaST-50GA	Sodium stearate	ACM	White granules	Rubber vulcanization activator, used in conjunction with quaternary ammonium chloride, can also be used in conjunction with sulfur or sulfur donor for the vulcanization of active chlorine ACM rubber
Actmix KST-50GA	Potassium stearate	ACM	White granules	Rubber vulcanization activator for ACM. Need combing use with quaternary ammonium chloride, as a part of ACM rubber curing system, no delayed vulcanization, with stronger vulcanization effect.
Actmix ZBS-80GE F140	Zinc bis (benzene sulphinate)	EPDM/EVM	White granules	Rubber foaming activator, often combined using with ADC for sponge foaming, can obtain higher gas volume in a short time.
Actmix ZnST-75GE	Zinc stearate	EPDM/EVM	White granules	Rubber vulcanization activator, can be used as heat stabilizer for chlorinated polyethylene; best physical plasticizer for natural rubber.
Actmix ACTP-50 HPCA-50	Combination of amine coactivators and anti-oxidant	EPDM/EVM	Off-white granules	Vulcanizing activator and stabiliser for ACM, AEM, ECO, CO and other halogenated polymers and acrylic rubber.
Actmix Li₂CO₃-50G/HNBR	Lithium Carbonate	HNBR	Beige or gray-white granules	Acid acceptor based on HNBR, uses with antioxidant, can significantly improve the hot air aging of hydrogenated nitrile vulcanizates.
Actmix ZEH-50GE	Ethylhexanoic acid zinc salt	EPDM/EVM	Milky white to light yellow granules	Can be used as a natural rubber active agent. In natural gum, SBR, NBR formulations, replacing stearic acid can reduce stress relaxation and primary creep, especially suitable for effective sulfur vulcanization systems.

Adhesive agent & Desiccant agent

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix HEXA-80GE F500 HEXA-80GS	Hexamethylene tetramine	EPDM/EVM SBR	White granules	Mild primary accelerator and methylene donor for Resorcinol based compounds for hardening or steel cord adhesion.
Actmix HMMM-50GE F140	Hexamethoxy methyl melamine resin	EPDM/EVM	White-translucent granules	An adhesive of rubber and framework materials due to reactions with methylene accelerator at vulcanizing temperature.
Actmix R-80GS	Resorcinol	SBR	White-brown granules	Ingredient of Resorcinol/silica/formaldehyde adhesion system, for bonding systems of methylene donor with silica.
Actmix Si69-50GE F200	Bis[3-(triethoxysilyl) propyl] tetrasulfide	EPDM/EVM	Light-yellow translucent granules	Coupling agent for rubber products such as soles, rubber roller, conveyor, belts, tires, wire and cable etc.
Actmix TAC-40GE	2,4,6-Triallyloxy-1,3,5-triazine	EPDM/EVM	White granules	Used as vulcanizing agent for highly saturated rubber, curing agent for unsaturated polyester, and also as photosensitizer in radiation crosslinking of polyolefins.
Actmix RK-70GE	1,3-Diacetoxy benzene	EPDM/EVM	Beige-gray granules	Rubber adhesive agent, easy to disperse in the rubber compound without blooming; it is a resorcinol donor, can form an HRH direct bonding system with methylene donor and silica, with good adhesion.
Actmix TAIC-40GE	1,3,5-Tri-2-propenyl-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	EPDM/EVM	Milky white translucent granules	Isocyanate rubber coupling agent, used as a vulcanizing agent for special rubber, has strong water absorption and good adhesion performance; suitable for bonding rubber with metal, fiber, glass, wood, leather, etc.
Actmix CaO-80GE F200	Calcium oxide	EPDM/EVM	Grey granules	Desiccant agent for natural & synthetic rubber, to prevent porosity.

SBR binder series

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix CBS-80GS	N-cyclohexyl-2-benzothiazyl sulfenamide	SBR	Grey-white granules	Basic accelerator for SBR, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix CTP-80GS	N-(Cyclohexylthio)-phthalimide	SBR	White granules	Vulcanization retarder for SBR, can significantly prolong total vulcanizing time.
Actmix DPG-80GS	N,N'-diphenyl guanidine	SBR	Grey granules	Accelerator for the vulcanization of SBR, particularly used as a co-accelerator with sulfenamide for tire tread compounds and in silica compounds.
Actmix HEXA-80GS	Hexamethylene tetramine	SBR	White granules	Co-accelerator and methylene donor for resorcinol based compounds for hardening or steel cord adhesion.
Actmix R-80GS	Resorcinol	SBR	White-brown granules	Ingredient of Resorcinol/silica/formaldehyde adhesion system, for bonding systems of methylene donor with silica.
Actmix S-80GS	Sulphur	SBR	Yellow granules	Vulcanizing agent for SBR compound.
Actmix IS60-75GS	Insoluble sulphur	SBR	Yellow granules	Vulcanizing agent for SBR compound.
Actmix TBBS-80GS	N-tert.-butyl-2-benzothiazyl sulphenamide	SBR	White granules	Basic accelerator for SBR, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix ZDBC-80GS	Zinc dibutyl dithiocarbamate	SBR	White granules	Ultra accelerator for the vulcanization of SBR compound.
Actmix Retarder E-80GS Retarder E-50GS	N-Phenyl-N-(Trichloromethylsulfenyl)-Benzene Sulfonamide	SBR	Beige granule	Excellent retarder for SBR compound, obviously delay the scorching time, not affect the curing speed.
Actmix ZnO-80GS	Zinc oxide	SBR	White granules	Curing activator for the use in SBR compound.
Actmix ZBEC-80GS	Zinc dibenzyl dithiocarbamate	SBR	White granules	Ultra accelerator for the vulcanization of SBR compound.

NBR binder series

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix DTDM-80GN	Dithiodi morpholine	NBR	White granules	Non-staining sulphur donor for the vulcanization of natural and synthetic rubber compounds.
Actmix DPTT-75GN F140	Dipen tamethylene thiuram tetrasulfide	NBR	Light-yellow granules	Used as a primary, secondary accelerator, or sulfur donor for NBR compound, can improve the heat resistance and aging performance of vulcanizate, especially for light-colored products..
Actmix ETU-75GN F140	N,N'-ethylene thiourea	NBR	White granules	Accelerator for rapid vulcanization of NBR compound.
Actmix S-80GN F140	Sulphur	NBR	Yellow granules	Curing agent for NBR compound.
Actmix TMTD-80GN F140	Tetrame thylthiuram disulphide	NBR	White granules	Ultra accelerator for the vulcanization of NBR compound.
Actmix TMTM-80GN F500	Tetramethyl thiuram monosulphide	NBR	Yellow granules	Ultra accelerator or secondary accelerator or as a sulfenamide auxiliary accelerator to obtain a faster vulcanization rate.
Actmix ZDBC-80GN	Zinc dibutyl dithiocarbamate	EPDM/EVM	White granules	Ultra accelerator for the vulcanization of natural and synthetic rubbers.
Actmix ZDMC-80GN F140 ZDMC-75GN F140	Zinc dimethyl dithiocarbamate	NBR	White granules	Ultra accelerator for the vulcanization of NBR compound, usually kept below 1phr and combined with other carbamates to avoid blooming.
Actmix ZnO-80GN F140	Zinc oxide	NBR	White granules	Curing activator for NBR.

IR binder series

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix CTP-70GR Actmix CTP-70PR	N-(Cyclohexylthio)-phthalimide	IR	White granules White slab	Vulcanization retarder for IR compound, can significantly prolong total vulcanizing time.
Actmix IS90-70PR	Insoluble sulphur	IR	Yellow slab	Vulcanizing agent for IR compound.
Actmix NS-70GR Actmix NS-70PR	N-tert.-butyl-2-benzothiazyl sulphenamide	IR	White granules White slab	Basic accelerator for IR compound, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix DCBS-70PR	N,N-Dicyclohexyl-2-Benzothiazole Sulfenamide	IR	Beige slab	Delay scorching and long curing time of vulcanization accelerator for wire rubber formulations, to improve adhesion.
Actmix HMT-70PR	Hexamethylene tetramine	IR	White slab	Co-accelerator and methylene donor for resorcinol based compounds for hardening or steel cord adhesion.
Actmix TBzTD-70GR Actmix TBzTD-70PR	Tetrabenzy lthiuram disulphide	IR	Light-yellow granules Light-yellow slab	N-Nitrosamine-free sulphur donor and accelerator; ultra accelerator for IR compound vulcanization.
Actmix S-70GR Actmix S-70PR	Sulphur	IR	Yellow granules Yellow slab	Vulcanizing agent for IR compound.

NR binder series

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix CBS-80NR	N-cyclohexyl-2-benzothiazyl sulfenamide	NR	Grey-white granules	Basic accelerator for sulphur cured diene rubbers, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix CTP-80NR	N-(Cyclohexylthio)-phthalimide	NR	White granules/slab	Vulcanization retarder for NR, can significantly prolong total vulcanizing time.
Actmix IS-80NR	Insoluble sulphur	NR	Yellow slab	Vulcanizing agent for NR compound.
Actmix TBBS-80NR	N-tert.-butyl-2-benzothiazyl sulphenamide	NR	White granules/slab	Basic accelerator for NR, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix DCBS-80NR	N,N-Dicyclohexyl-2-Benzothiazole Sulfenamide	NR	Beige slab	Delay scorching and long curing time of vulcanization accelerator for wire rubber formulations, to improve adhesion.
Actmix ZBEC-80NR	Zinc dibenzyl dithiocarbamate	NR	White granules	Ultra accelerator for the vulcanization of natural and synthetic rubbers, esp. for EPDM continuous vulcanization.
Actmix ZnO-80NR	Activated Zinc oxide	NR	Light-yellow granules	Curing activator for the use in NR compound.
Actmix S-80NR	Sulphur	NR	Yellow granules	Vulcanizing agent for NR compound.

Rubber antioxidant

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix MBI-80GE F140	2-Mercap to benzi midazole	EPDM/EVM	White granules	Non-staining antioxidant for vulcanizates based on natural and synthetic rubbers.
Actmix MMBI-70GE F200	Methyl-2-mercap to benzimidazole	EPDM/EVM	Grey-yellow granules	Non-staining antioxidant for vulcanizates based on natural and synthetic rubbers; synergistic effects in combination with other antioxidants.
Actmix NDBC-75GEO F200 NDBC-75GE F200	Nickel dibutyl dithiocarbamate	ECO EPDM/EVM	Dark-green granules	Antioxidant for synthetic rubber, can prevent the rubber for sunlight, ozone caused cracking, improve the heat resistance of CR and chlorosulfonated polyethylene.
Actmix ZMBI-50GE	Zinc salt of 2-mercap tobenzimidazole	EPDM/EVM	White to grey-white granule	Non-staining secondary antioxidant for NR, CR, SBR, NBR, EPR, etc. It has the same effect with MB, which can decompose peroxide.
Actmix ZMMBI-70GE F200	1,3-dihydro-4(or5)-methyl-2H-benzimidazole-2-thione, zinc salt	EPDM/EVM	Grey-white granule	Synergistic combination use with other antioxidants, application to variety of transparent, white and colorful rubber products, fabric coating, especially for heat-resistant products.
Actmix LIGFLEX 601-75GE	Kraft lignin	EPDM/EVM	Brown granule	ECO-friendly rubber antioxidant, active content extracted from eucalyptus trees, special renewable aromatic biopolymer, non-toxic and non-polluting; with good processing properties. No need REACH registration, comply with TSCA requirements.

Scorching retarders

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix CTP-80GE F500	N-(Cyclohexylthio)-phthalimide	EPDM/EVM	White granules	Vulcanization retarder for nature rubber and diene rubbers, can significantly prolong total vulcanizing time.
Actmix Retarder E-80GE	N-Phenyl-N-(Trichloromethylsulfonyl)-Benzene Sulfonamide	EPDM/EVM	Beige granule	Excellent retarder for natural and synthetic rubber, obviously delay the scorching time, not affect the curing speed.

Bactericidal and anti-algae agent

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix BCM-80GE F140	Carbendazim	EPDM/EVM	White to grey granules	High-efficiency and lower toxicity absorption of the broad-spectrum bactericidal anti-algae agent, is a benzimidazole based compounds, widely used as the sterilization algacides for rubber.

Deodorant

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix LHRD/GE	Inorganic silicate	EPDM/EVM	Gray-white to gray-black granules	Can reduce or eliminate peculiar smell or odor in rubber products, and absorb harmful volatile residues, such as benzene, ammonia, formaldehyde, chlorine, etc. Can effectively reduce VOC content in products
Actmix LHRD/GE-1	Inorganic silicate	EPDM/EVM	Gray-white to gray-black granules	Rubber deodorant, smell can be customized. Effectively lightens or removes odor or peculiar smell caused by rubber agent and rubber residual.

Slab form series

Product	Chemical Composition	Polymer Binder	Appearance/ Supply form	Applications
Actmix CBS-80PE F140	N-cyclohexyl-2-benzothiazyl sulfenamide	EPDM/EVM	Grey-white slab	Basic accelerator for sulphur cured diene rubbers, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix DPTT-70PE F140	Dipentamethylene thiuram tetrasulfide	EPDM/EVM	Light-yellow slab	Used as a primary, secondary accelerator, or sulfur donor for natural and synthetic rubber, can improve the heat resistance and aging performance of vulcanizate, especially for light-colored products.
Actmix ETU-75PE F140	N,N'-ethylene thiourea	EPDM/EVM	White slab	Accelerator for rapid vulcanization of chloroprene rubber and other diene rubbers, particularly CR, EPDM, ECO and CM.
Actmix MBT-80PE F140	2-mercapto-benzthiazol	EPDM/EVM	Light-yellow slab	Rapid curing speed, accelerator for the vulcanization of natural and synthetic rubbers.
Actmix MBTS-75PE F140	Dibenzothiazyl disulphide	EPDM/EVM	Light-yellow slab	Moderate curing speed accelerator for the vulcanization of natural and synthetic rubbers.
Actmix TBBS-80PE F200	N-tert.-butyl-2-benzothiazyl sulphenamide	EPDM/EVM	White slab	Basic accelerator for sulphur cured diene rubbers, with good scorching, fast vulcanization speed, high vulcanization modulus, wide applications.
Actmix TETD-75PE F200 TETD-75PN TETD-50PN	Tetraethyl thiuram disulphide	EPDM/EVM	Light-yellow slab	Ultra accelerator and scorch-safe for the vulcanization of natural and synthetic rubbers, and curing agent for the sulphur-less, or low sulphur vulcanization.
Actmix TOTD-80PE	Tetrakis(2-Ethylhexyl) thiuram disulfide	EPDM/EVM	Dark yellow slab	Non-blooming accelerator, suitable for EPDM and the coordinate system of EPDM with other rubber (such as NR, SBR, NBR, etc.).
Actmix TMTD-80PE F140	Tetramethyl thiuram disulphide	EPDM/EVM	White slab	Ultra accelerator for the vulcanization of natural and synthetic rubbers, curing agent for the sulphur less or low sulphur vulcanization.
Actmix ZDBC-80PE F140	Zinc dibutyl dithiocarbamate	EPDM/EVM	White slab	Primary or secondary accelerator for natural and synthetic rubber. The vulcanizing speed is fast than EZ or PZ in natural and synthetic latex. It also can be used as antioxidant for the rubber bounded adhesive agent.
Actmix ZDMC-75PE F140	Zinc dimethyl dithiocarbamate	EPDM/EVM	White slab	Primary or secondary accelerator for natural and synthetic rubber. Also can be application for the synthetic latex.
Actmix TBTD-40PE	Tetrabutyl Thiuram Disulfide	EPDM/EVM	Grey-green slab	A fast curing accelerator and vulcanization agent for natural & synthetic rubber; none blooming and none staining, can be used for tire, shoe sole etc industrial products.

Thiazoles Accelerator

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind MBT	149-30-4	2-mercapto-benzthiazol	Light yellow powder Powder with oil	Rapid curing speed, accelerator for the vulcanization of natural and synthetic rubbers, acts as a retarder in sulphur modified CR.
Curekind ZMBT- 15 Curekind ZMBT-2	155-04-4	Zinc 2-mercapto benzothiazole	Light yellow powder Powder with oil	Primary accelerator for latex with ZDMC or ZDEC; the function is similar MBT if used on dry adhesive, and improved a little of the scorching.
Curekind MBTS	120-78-5	Dibenzothiazyl disulphide	Light yellow powder Powder with oil	Moderate curing speed, accelerator for the vulcanization of natural and synthetic rubbers, acts as a retarder in sulphur modified CR.
Curekind MDB	95-32-9	2-(morpho linodithio) benzothiazole	Light-yellow powder or granules	Fast-curing primary or secondary accelerator for NR, SBR, Nitrile and EPDM. Also can be used in CR as anti-scorching agent. Can be used in the food contacted rubber.

Sulfenamide Accelerator

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind TBBS	95-31-8	N-tert.-butyl-2-benzothiazyl sulphenamide	Grey-white powder Powder with oil	Basic accelerator for sulphur cured diene rubbers, e.g. EPDM, NR, BR, SBR, especially for tire and antivibration applications.
Curekind CBS	95-33-0	N-cyclohexyl-2-benzothiazyl sulfenamide	Grey-white powder Powder with oil	Basic accelerator for sulphur cured diene rubbers, e.g. EPDM, NR, BR, SBR, especially for tire and antivibration applications.
Curekind DCBS	4979-32-2	N,N-Dicyclohexyl-2-Benzothiazole sulfenamide	Grey-white powder Powder with oil	Delay scorching and long curing time of vulcanization accelerator for wire rubber formulations to improve adhesion.
Curekind MBS	102-77-2	Benzothiazyl-2-sulphene morpholide	Light yellow crystal Light yellow powder	Semi-ultra accelerator for the vulcanization of natural and synthetic rubbers.

New Rubber Accelerator

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind ACT55		Tertiary amine complex	White powder	Tertiary amine mixture activator that can replace the effect of guanidine (DOTG) in AEM/ACM

Thiuram Accelerator

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind DPTT	971-15-3	Dipentamethylene thiuram tetrasulfide	Light yellow powder Powder with oil	Ultra accelerator for the vulcanization of natural and synthetic rubbers, most rapid cure among thiurams, sulphur donor, also suitable for CSM in combination with MBTS.
Curekind TETD	97-77-8	Tetraethylthiuram disulphide	Light yellow crystal Light yellow powder	Ultra accelerator and scorch-safe for the vulcanization of natural and synthetic rubbers, and curing agent for the sulphur-less, or low sulphur vulcanization.
Curekind TMTM	97-74-5	Tetramethyl thiuram monosulphide	Yellow powder Powder with oil	Ultra accelerator for the vulcanization of natural and synthetic rubbers, curing agent for the low- sulphur vulcanization.
Curekind TBzTD	10591-85-2	Tetrabenzylthiuram disulphide	Light yellow powder Powder with oil	N-nitrosamine-free sulphur donor and accelerator; ultra accelerator of natural and synthetic rubber vulcanization;vulcanizing agent for vulcanization without free sulphur or for low-sulphur vulcanization.
Curekind TBTD/S	1634-02-2	Tetrabutyl thiuram disulfide	Light yellow powder	TBTD, the ultra accelerator for natural and synthetic rubber, also can be used as curing agent, effective sulfur content of 31.50%, non-blooming and no pollution, can be used for manufacturing inner tubes, rubber shoes, adhesive tape and other industrial products.
Curekind TiBTD	3064-73-1	Isobutyl thiuram disulfide	Light yellow powder	ECO-friendly thiuram accelerator, can replace of TMTD, TETD, TMTM.

Guanidine Accelerator

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind DPG	102-06-7	N,N'-diphenyl guanidine	Grey-white powder Powder with oil	Accelerator for the vulcanization of natural and synthetic rubbers, particularly used as a co-accelerator with sulfenamide for tire tread compounds and in silica compounds.
Curekind DOTG	97-39-2	N,N' -di-o-tolyl guanidine	Grey-white powder Powder with oil	Accelerator for the vulcanization of natural and synthetic rubbers, particularly used for the diamine activated cross-linking of AEM or ACM.

Thiourea Accelerator

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind ETU	96-45-7	N,N'-ethylene thiourea	Grey-white powder Powder with oil	Accelerator for rapid vulcanization of chloroprene rubber and other diene rubbers, particularly CR, EPDM, ECO and CM.
Curekind DETU	105-55-5	N-N'-Diethylthiourea	Grey-white crystals Powder with oil	Ultra accelerator for CR, especially for CR continuous vulcanizing. Co-accelerator with MBTS & DOTG can be rapidly vulcanizing, but probably scorching, no blooming.
Curekind DPTU	102-08-9	Diphenyl thiourea	White powder	Medium-speed vulcanization accelerator. Used as secondary accelerator in CR vulcanization and EPDM vulcanization system.
Curekind MTT	1908-87-8	3-methyl thiazolidine-2-thione	Light-yellow powder	ECO-friendly accelerator, can be replaced of ETU. Used as vulcanization accelerator for chloroprene rubber, Injection-molded and technical extruded articles.

Vulcanizing agent

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind TCY	638-16-4	2,4,6-Trimercapto-s-triazine	Light yellow powder Powder with oil	Cross-linking agent for CO and ECO and other polymers with halogen cure site.
Curekind DTDM	103-34-4	4,4' -Dithio dimorpholine	White crystals Powder with oil	Non-staining sulphur donor for the vulcanization of natural and synthetic rubber compounds.
Curekind HVA-2	3006-93-7	N,N' -m-phenylene bismaleimide	Grey-yellow powder Powder with oil	A non-sulfur curing agent for rubber cable, can replace the thiazoles, thiuram and all sulfur vulcanizing agent.
Curekind DTDC	23847-08-7	Caprolac tmdisulfide	White to light-yellow powder	ECO-friendly vulcanizing agent for heat-resistant rubber products, sanitary rubber products and colored rubber products; can replace of DTDM.
Curekind HMDC	143-06-6	Hexamethylene diamine carbamate	White powder	Vulcanizing agent and Cross-linking agent for ethylene acrylic rubber (AEM).
Curekind 101AS-45C		Vulcanized cross-linking agent	Grey-yellow powder	Used as an effective high-temperature vulcanizing agent for vinyl silicone rubber, and a cross-linking agent for polyethylene rubber and ethylene-propylene rubber.

Dithiocarbamate Salts Accelerator

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind ZDEC	14324-55-1	Zinc diethyl dithiocarbamate	White powder Powder with oil	Ultra accelerator for the vulcanization of natural and synthetic rubbers.
Curekind ZDBC	136-23-2	Zinc dibutyl dithiocarbamate	White powder Powder with oil	Ultra accelerator for the vulcanization of natural and synthetic rubbers.
Curekind ZEPC	14634-93-6	Zinc ethyl phenl dithiocarbamate	Light yellow powder Powder with oil	Ultra accelerator for the vulcanization of natural and synthetic rubbers,, excellent scorch resistance.
Curekind ZBEC	14726-36-4	Zinc dibenzyl dithiocarbamate	White powder Powder with oil	Ultra accelerator for the vulcanization of natural and synthetic rubbers, esp. for EPDM continuous vulcanization.
Curekind TDEC	20941-65-5	Tellurium diethyl dithiocarbamate	Orange powder Powder with oil	Ultra-fast or vice accelerator for IIR, NR, NBR,SBR and EPDM rubbers.
Curekind CuMDC	137-29-1	Copper dimethyl dithiocarbamate	Dark-brown powder	Ultra curing accelerator for styrene-butadiene rubber, butyl rubber and 4-polybutadiene rubber.
Curekind ZDTP Curekind ZDTP/S		Zinc dialkyldithio phosphate	Clear liquid White powder	Non-staining special accelerator for rapid vulcanization of EPDM and other diene rubbers not containing any secondary amines that can form N-nitrosamines.
Curekind ZBOP/S		Zinc dialkyldithio phosphate	White powder	Special rubber accelerator for EPDM and other diene rubber, do not contain can form harmful nitrosamine secondary amine.
Curekind ZDT/S		Zinc dialkyldithio phosphate	White powder	Non-staining special rubber accelerator for EPDM and other diene rubber, especially application for construction of molded and extruded rubber products, such as film, tire buffer layer, rubber fenders,rubber seals etc.
Curekind ZBPD Curekind ZBPD/S		Zinc dialkyldi thiophosphate	Clear liquid White powder	Special rubber accelerator for EPDM and other diene rubber, do not form harmful nitrosamine during vulcanization process.
Curekind TP/S		Zinc O,O,O' ,O' - tetrabutyl bis (phosphorodithioate)	White powder	Special rubber accelerator for EPDM and other diene rubber, do not contain can form harmful nitrosamine secondary amine.

Antioxidant

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind MBI/B Curekind MBI	583-39-1	2-Mercapto benzimidazole	White powder Light yellow powder Powder with oil	Non-staining antioxidant for vulcanizates based on natural and synthetic rubbers.
Curekind NDBC	13927-77-0	Nickel dibutyl dithiocarbamate	Dark-green powder	Antioxidant for vulcanizates based on CO/ECO elastomers.
Curekind TMQ	26780-96-1	2,2,4-Trimethyl-1,2-dihydroquinoline polymer	Amber to brown flake	Amine antioxidant for nature rubber and variety of synthetic rubbers except chloroprene rubber.
Curekind ZMBI	3030-80-6	Zinc salt of 2-mercap to benzimidazole	White powder Powder with oil	Non-staining secondary antioxidant for NR, CR, SBR, NBR, EPR, etc.It has the same effect with MB, which can decompose peroxide.
Curekind MMBI	53988-10-6	Methyl-2-mercap to benzimidazole	Grey yellow powder Powder with oil	Non-staining antioxidant for vulcanizates based on natural and synthetic rubbers; synergistic effects in combination with other antioxidants.
Curekind ZMMBI	61617-00-3	1,3-dihydro-4(or5)-methyl-2H-benzimidazole-2-thione, zinc salt	White powder	Non-staining antioxidant for vulcanizates based on natural and synthetic rubbers.
Curekind 445	10081-67-1	4,4-bis (α,α-dimethylbenzyl) diphenylamin	White crystals White powder	The aryl amine antioxidant agent without pollution and toxicity, widely used for plastics and rubbers.
Curekind 4010/IPP	101-72-4	N-Isopropyl-N'-phenyl-p-phenylenediamine	Grey Purple to Purplish Brown Pastilles	Excellent anti-aging agent for natural rubber, synthetic rubber and latex.Has good dispersibility and has no effect on vulcanization. It has excellent performance in amine anti-aging agent.
Curekind 4020/6PPD	793-24-8	N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine	Grey Purple to Purplish Brown Pastilles or flakes	Excellent antioxidant and antiozonant, generally used for natural rubber and synthetic rubber, with low pollution and low volatility
Curekind BLE-65	68412-48-6	2-Propanone, reaction products with diphenylamine	Brown black powder	General rubber antioxidant, good protection against heat, oxygen, ozone, climate and flexure. Suitable for the production of industrial products such as tire tread, tape and hose.
Curekind LHRD		Inorganic silicate / Rubber deodorant	White powder	Can reduce or eliminate peculiar smell or odor in rubber products, and can absorb harmful volatile residues, such as benzene, ammonia, formaldehyde, chlorine, etc.Can effectively reduce VOC content in products

Scorching Retarders/Processing Activator

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind CTP	17796-82-6	N-(Cyclohexylthio)-phthalimide	White crystals White powder	Pre-vulcanization inhibitor for natural and synthetic rubbers
Curekind Retarder E/C	2280-49-1	N-Phenyl-N-(Trichloromethylsulfenyl)-Benzene Sulfonamide	Light-yellow to white powder	Excellent retarder for natural and synthetic rubber, suitable for EPDM, NBR & HNBR, obviously delay the scorching time, but not affect the curing speed. Can replace of PVI.
Curekind ZBS	24308-84-7	Zinc ben zenesulfinate	White powder	Reduces the decomposition temperature of ADC.
Curekind S70		Organic zinc	Light yellow powder	Organic zinc S70 has small particle size, uniform distribution, large specific surface area and high activity. It can improve the crosslinking density of the compound and has excellent physical properties.

Processing Promoters

Product	Cas No.	Chemical Composition	Appearance/ Supply Form	Applications
Curekind 55P		Finely selected high molecular weight fatty acid ester emulsion	White flakes	In rubber processing as plasticizers, lubricants, specially request thermal stability and excellent mold release. An excellent filler and chemical dispersants. Melting point: 52 - 60°C
Curekind 50P		Finely selected of saturated and unsaturated fatty acid zinc salts	Light yellow granule	The lubricant for high fill dienes synthetic rubber; specially for highly active silica-containing compounds: the tread, industrial molded products. Melting point: 95-107°C
Curekind T		Combination of Zinc salts of unsaturated fatty acids	Light yellow granule	Molded and extruded goods of all types, expanded rubber articles, hard rubber. Peptizing effect in NR and IR above 60 oC. Retards scorch and accelerates vulcanization. Melting point: 75-85 °C
Curekind ST		Blend of hydrocarbons, Znsoaps and fillers	Light yellow granules	Dispersant and lubricant for highly filled synthetic diene rubber compounds; particularly suitable for compounds containing high-activity silica: tire treads, technical molded articles. Melting point: 85-100°C
Curekind PEG4000	25322-68-3	Polyethylene glycol 4000	White flake	Used as surfactant, lubricant, especially suitable for dispersing agent of white carbon black and rubber. Freezing point: 53-54°C
Curekind PEG6000	25322-68-3	Polyethylene glycol 6000	White flake	Used as plasticizer and lubricant, especially suitable for dispersing agent of silica and rubber.