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AIMSEA NON-TOXIC AND ENVIRONMENTALLY FRIENDLY PVC STABILIZER

NON-TOXIC PVC STABILIZER

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ENVIRONMENTALLY
FRIENDLY PVC STABILIZER



AIMSEA Technology International Co., Ltd
Shenzhen AIMSEA Industrial Co.,Ltd
Huizhou AIMSEA Newway Technology Co.,Ltd

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Shenzhen AIMSEA Industrial Co.,Ltd
Huizhou AIMSEA Newway Technology Co.,Ltd

COMPANY PROFILE

PROVIDES TECHNICAL SERVICE
BEYOND HEAT STABILIZERS.

EXPANDED 1 FACTORY IN THAILAND,
SOUTHEAST ASIA.

30

R&D
EXPERIENCE

With 30 years R&D experience
in environmental friendly PVC
Stabilizer.

50+

PROFESSIONAL
EQUIPMENT

Has 50+ equipment for
professional testing & analysis.

25+

PATENT
CERTIFICATE

Owens 25+ global & China patents.

1000+

SERVED
CUSTOMERS

Served 1000+ customers successfully
switched to environmental friendly
PVC products.



LABORATORY ENVIRONMENT



FACTORY ENVIRONMENT



PIPE & FITTINGS

Pipe&fittings: Suitable for all kinds of PVC pressure pipes, drainage pipes, conduit pipes and pipe fittings production.

● Product advantages

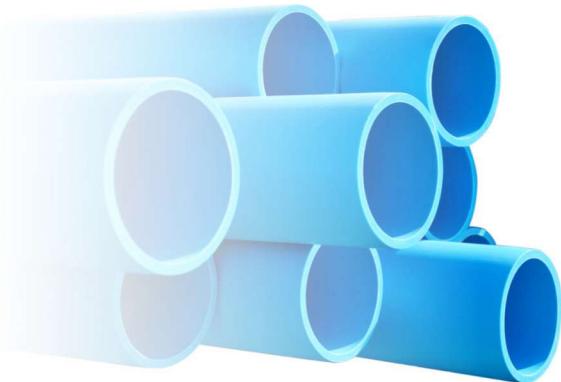
- ▶ High cost-effectiveness (mature)
- ▶ Low precipitation
- ▶ Good processing performance



● Product parameters

PRODUCT SERIES	FORM & PACKING	PROPERTIES & APPLICATION	DOSAGE (PHR)
AIMSTA -C500P	Powder 25KG/Bag	Good thermal stability, suitable for water supply pipe production.	2.5-4.5
AIMSTA -C501	Powder 25KG/Bag	Good initial coloring, suitable for drainage pipe production.	2.5-4.5

PRODUCT SERIES	FORM & PACKING	PROPERTIES & APPLICATION	DOSAGE (PHR)
AIMSTA -C506	Powder 25KG/Bag	The initial coloring is good, suitable for conduit pipe production.	3-4
AIMSTA -C508	Powder 25KG/Bag	Excellent heat stability, Good balance of lubrication, good release ability, used for fittings and other injection molding products.	4-6

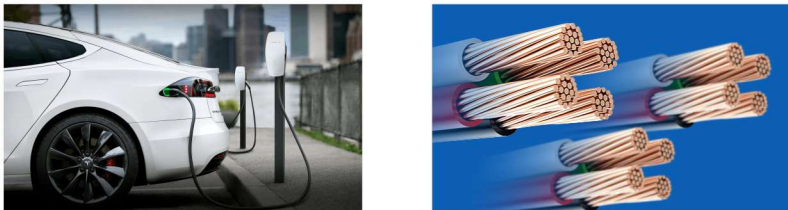


WIRE & CABLE

Wire and cable: Suitable for all kinds of standard PVC wire & cable, include UL60-125°,VDE90,GB70-90, and T2, T3 automobile cable requirements.

● Product advantages

- ▶ Low moisture absorption
- ▶ Good electrical performance
- ▶ Congo red has a long time



● Product parameters

STANDARDS	APPLICATION			THERMAL TIME (HOURS)	CONGO TIME (MINS)
GB/VDE	J-70	J-70 JR-70 JGD-70	AIMSTA -6703W-5	168@100°C	≥100
	J-90	J-90	AIMSTA -6809WB	240@135°C	≥200
UL	UL 60-75	UL 60-75	AIMSTA -6703W-5	168@100°C	
	UL-90	UL 90	AIMSTA -6800	240@100°C	
	UL-105	UL 105	AIMSTA -6380	168@136°C	
AUTOMATIVE	T1/T2	105 degree (3000 hours)	AIMSTA -6809WB	336@135°C	
	T3	125 degree (3000 hours)	AIMSTA -6815	168@158°C	



TRANSPARENT PRODUCTS

Transparent products: meet the requirements of EN71, widely used in co-extrusion, injection molding, calendering products, such as transparent compounds, transparent toys, transparent films, etc.

Product advantages

- ▶ Good transparency
- ▶ Low addition amount
- ▶ Odorless
- ▶ EU Environmental Protection tin free

Product parameters



PRODUCT SERIES	FORM & PACKING	PROPERTIES & APPLICATION	DOSAGE (PHR)
AIMSTA -6809T	Powder 25KG/Bag	Non-toxic and environmental protection low dosage, used for transparent hose wire & cable, flexible medical applications.	1-2
AIMSTA -6122	Paste 50KG/Barrel	Non-toxic and environmental protection good dispersion, used for transparent soft hose, toys, film, flexible medical applications.	2-4
AIMSTA -6891	Powder 25KG/Bag	Used in the production of transparent lamp strip to prevent copper from rusting Replaceable A-200P.	1-2

MEDICAL SUPPLIES

Medical supplies: tested by FDA for PVC medical products, such as infusion tubes, protective masks, etc.

Product advantages

- ▶ Non toxic and odorless
- ▶ Good transparency and stability
- ▶ Fully compliant with medical and health certification

Product parameters



PRODUCT SERIES	FORM & PACKING	PROPERTIES & APPLICATION	DOSAGE (PHR)
AIMSTA -6111	Paste 50KG/Barrel	Meet national medical standard Gb15593 -1995 comply FDA certificate, No plate out, No atomization No precipitation, good weather resistance.	2-4
AIMSTA -6809	Powder 25KG/Bag	Meet national medical standard Gb15593 -1995 comply FDA certificate, No plate out, No atomization No precipitation, good weather resistance.	1-2
AIMSTA -6122	Paste 50KG/Barrel	Non toxic and environmentally friendly, with good dispersibility, used for transparent hoses,toys, films, and medical devices	2-4

CO STABILIZER- TIN STABILIZER PARTNER

Product advantages

- ▶ Non toxic and heavy metal free
- ▶ Phenolic free
- ▶ Fully compliant with ROHS and REACH



Product parameters

PRODUCT SERIES	FORM & PACKING	PROPERTIES & APPLICATION	DOSAGE (PHR)
AIMSTA -CZ186	Powder 25KG/Bag	Used for hard calendered sheet/rigid film, Excellent transparency, used with Methyltin mercaptan.	0.4-1.2
AIMSTA -CZ188	Powder 25KG/Bag	Used for rolling hard and semi hard white films, replacing Methyltin mercaptan.	0.4-1.2

CALENDARING PRODUCTS SOLUTIONS

Product advantages

- ▶ Environmental friendly(No Sn,Pb,Cd)
- ▶ Good performance on plate out issue
- ▶ Good printing performance
- ▶ Odorless; No VOC

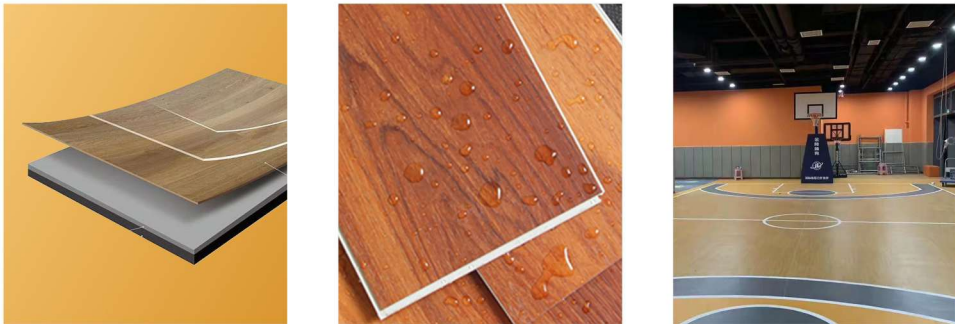


Product parameters

PRODUCT SERIES	FORM & PACKING	PROPERTIES & APPLICATION	DOSAGE (PHR)
AIMSTA -828	Powder 25KG/Bag	Non-toxic stabilizer, no heavy metals. Good dynamic stability. Good printing performance. Good machining performance. Low precipitation, odorless. Good aging resistance.	2-3
AIMSTA -2913	Powder 25KG/Bag	Non toxic stabilizer, no heavy metals. Odorless & no VOC. Improve the surface tension of automotive synthetic leather. Improve anti-aging ability. With excellent compatibility & fluidity.Excellent weather resistance & yellowing resistance.	1.5
AIMSTA -818	Powder 25KG/Bag	Odorless, with excellent transparency,suitable for high transparency products.	1.8-2.5

GREEN FLOORING MATERIALS SOLUTIONS

Green home: through REACH,RoHS certification, suitable for PVC building materials, such as SPC, LVT, homogeneous floor and sports floor. It can also be used for the surface layer of PVC building materials, such as wear-resistant layer and color film.



Product parameters

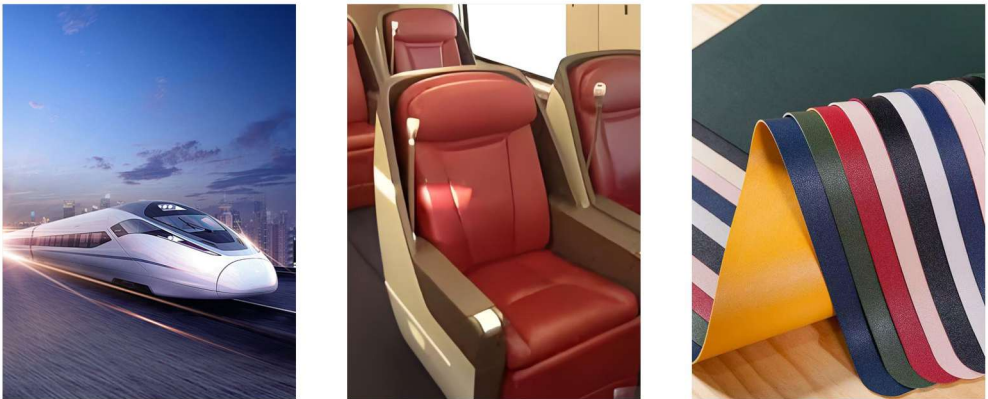
PRODUCT SERIES	FORM & PACKING	PROPERTIES	APPLICATION	DOSAGE (PHR)
2618	Powder 25KG/Bag	Odorless, heavy metal free, and environmental friendly Excellent thermal stability and dimensional stability Good performance, high cost-effectiveness.	Special purpose for SPC substrate	8-10
2619	Powder 25KG/Bag	Has good toughening effect, improving High product physical performance and compatibility Good, low precipitation, long mold cleaning cycle, Non corrosive screw, good initial color, Long stability time.	Special purpose for SPC substrate	12-14
5141	Powder 25KG/Bag	Odorless, heavy metal free, environmentally friendly,Good thermal stability and excellent foaming promoting properties, Good uniformity of foam cells.	Special for wpc & foaming wallboard	4-6
6702	Powder 25KG/Bag	Odorless, heavy metal free, green ring Excellent thermal stability and stability Good size stability and high cost-effectiveness.	Special for LVT base	5-7
813	Powder 25KG/Bag	Odorless, low VOC, heavy metal free, Environmentally friendly color, excellent initial whiteness, long-term Not prone to redness or yellowing.	Special for wear-resistant layer	1.5-3.5
823	Powder 25KG/Bag	Odorless, heavy metal free, environmental friendly, Outstanding long-term thermal stability performance Excellent color retention during processing.	Special for homogenous flooring	1.5-2.5

FLAME RETARDANT PARTNER

Flame retardant partner AIMSTA-ZR988\AIMSTA-ZR986\AIMSTA-ZR983: Meet the requirements of international environment management regulations, widely used for plastic materials:PA\PBT\ABS\HiPS\PS\PVC\PP\PE\EVA etc.

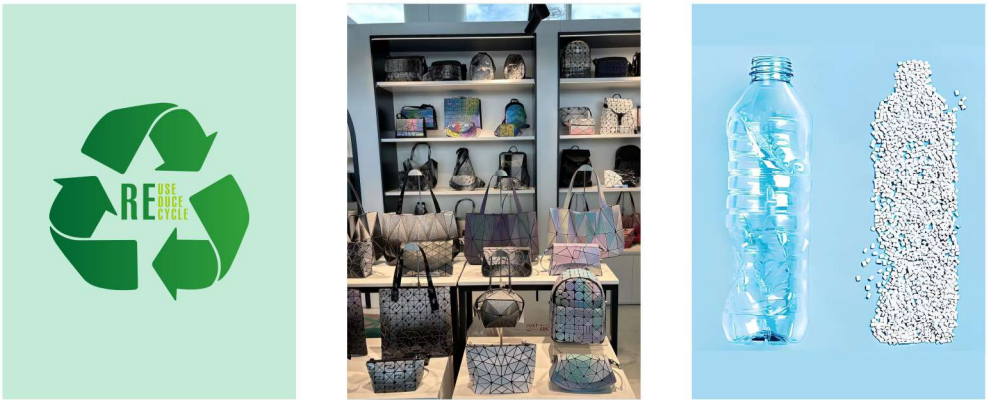
Product advantages

- ▶ Good synergistic effect
- ▶ Environmental friendly
- ▶ Good smoke suppression
- ▶ Anti-dripping
- ▶ Replace Sb2O3, cost-effective



PLASTICS RECYCLING YELLOWING SOLUTIONS

With the increasing demand for plastic materials' sustainability and high performance, AIMSEA developed effective solutions to enhance the stability and anti-yellowing ability of recycled plastics materials, especially for PP\ABS\PET\PPR\PA\PC\PE\polyester fiber etc. Welcome your consultation.



PROFILES

Profiles: Can be used for all kinds of PVC extruded profiles, such as doors and windows profiles, co-extruded profiles, fully body profile and other products. Effective weather resistance for outdoor products.

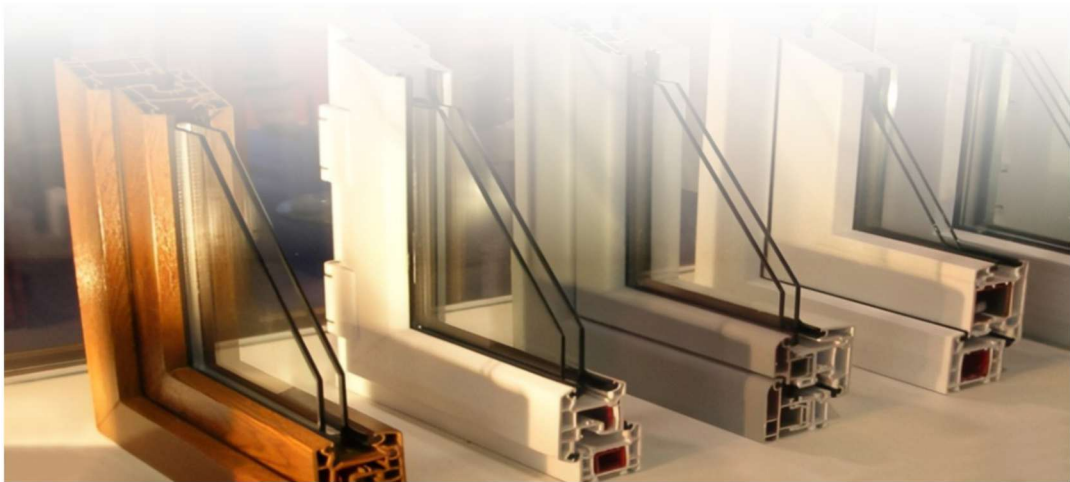
Product advantages

- ▶ Good weather resistance
- ▶ Good initial color
- ▶ Low compressibility and wide processing window



Product parameters

PRODUCT SERIES	FORM & PACKING	PROPERTIES & APPLICATION	DOSAGE (PHR)
AIMSTA -6809G	Powder 25KG/Bag	Good processability, Excellent stabilities.	4-4.5
AIMSTA -5094	Powder 25KG/Bag	The upgraded version of AIMSTA -5096, has good thermal stability, better cost performance less plate out, suitable for profile extrusion.	3.5-4.5
AIMSTA -5108	Powder 25KG/Bag	Good thermal stability, suitable for the production of Co-extruded profiles.	3.5-4.5
AIMSTA -5096	Powder 25KG/Bag	Excellent thermal stability, suitable for high output extrusion profile.	3.5-4.5



DECORATIVE PRODUCTS SOLUTION

Decorative plate: can be used for wall board, decorative board, hollow board, ceiling and edging bands production.

Product advantages

- ▶ Good processing performance
- ▶ Low precipitation



Product parameters

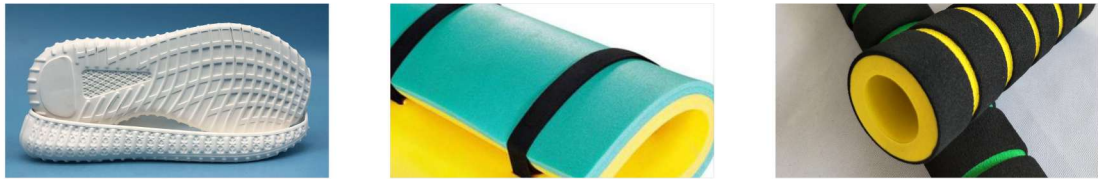
PRODUCT SERIES	FORM & PACKING	PROPERTIES & APPLICATION	DOSAGE (PHR)
AIMSTA -6800G	Powder 25KG/Bag	Good initial coloring, suitable for sheet production.	3.5-4.5
AIMSTA -6800E	Powder 25KG/Bag	Good color stability, suitable for the production of furniture edge strip products.	4-5
AIMSTA -5141	Powder 25KG/Bag	Good thermal stability, suitable for the production of low-foaming wood-plasticwallboards and pinch boards.	4-5
AIMSTA -2616	Powder 25KG/Bag	Long-term thermal stability,suitable for stone plastic flooring production.	5-7

FOAM PRODUCTS

Foam products: Suitable for all kinds of PVC foam products, such as foam shoes, foam sheets, foam leather and other micro-foam products.

Product advantages

- ▶ Low precipitation
- ▶ Good whiteness



Product parameters

PRODUCT SERIES	FORM & PACKING	PROPERTIES & APPLICATION	DOSAGE (PHR)
AIMSTA -5146	Powder 25KG/Bag	Good long-term stability, suitable for the production of foamed sheets and profiles.	3-5
AIMSTA -6222	Powder 25KG/Bag	Non-toxic and environmental protection, good foaming property, hydrolysis resistant yellowing,suitable for the production of foamed shoe materials.	3-5
AIMSTA -5143	Powder 25KG/Bag	Better cost performance, well foaming and good thermal stability.	3-5