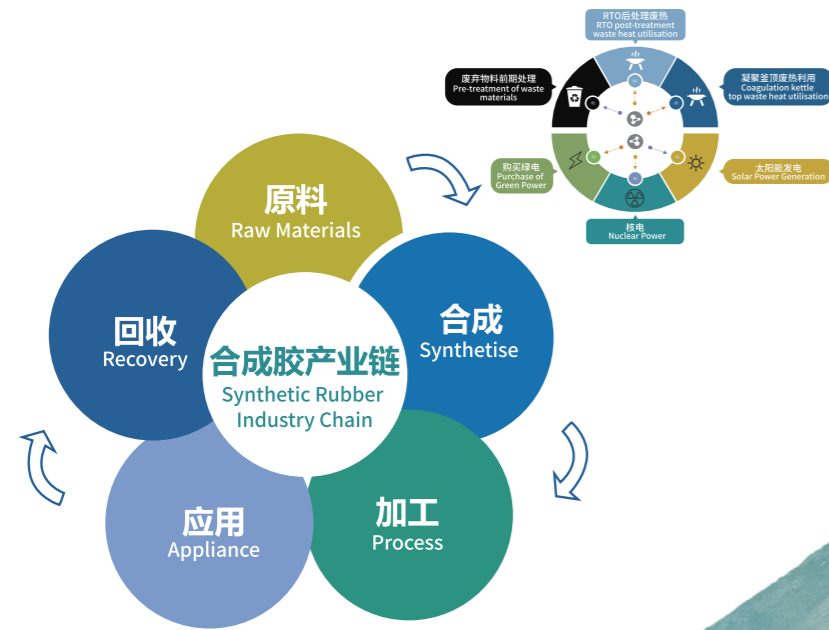
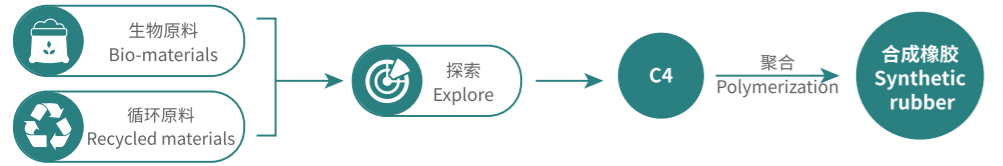


可持续发展
Sustainability

从原料、过程和产品为终端客户提供可持续性产品和服务。
Sustainable products and services for end customers
from raw materials, processes and products



- 高模量合成橡胶 High modulus synthetic rubber
- 改性合成橡胶 Modified synthetic rubber
- 易加工合成橡胶 Easy-to-process synthetic rubber
- 低VOC合成橡胶 Low VOC synthetic rubber



致力于成为全球高性能
合成新材料的科技型公司

HIGH-PERFORMANCE SYNTHETIC RUBBER
AND NEW MATERIAL SOLUTIONS FOR SUSTAINABILITY.

名称: 浙江传化合成材料股份有限公司
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电话: +86-573-8558 8758
传真: +86-573-8558 8700
邮箱: 12763@etransfar.com
029001@etransfar.com

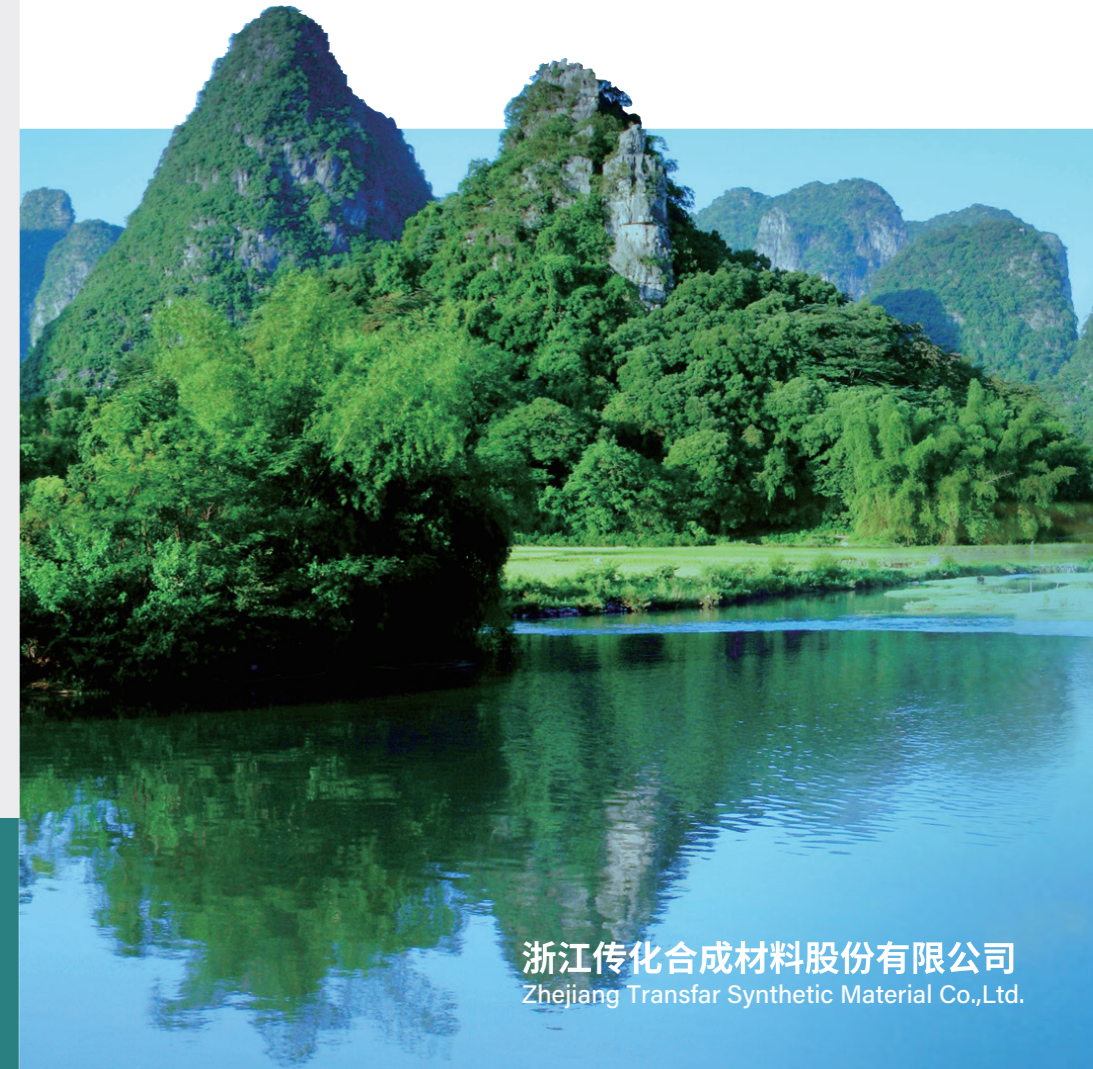
Name: Zhejiang Transfar Synthetic Material Co.,Ltd.
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ZHEJIANG TRANSFAR SYNTHETIC MATERIAL CO.,LTD. PRODUCT MANUAL

传化合成产品手册



浙江传化合成材料股份有限公司
Zhejiang Transfar Synthetic Material Co.,Ltd.

现有产品 Available Products

项目 Item	BR9000	NdBR9104	NdBR9106
丁戊比 Butadiene/ Isoprene wt%	100/0	100/0	100/0
生胶门尼 Mooney Viscosity ML(1+4), 100°C	41-49	38-48	55-65
挥发分 Volatile Matter, %	≤0.50	≤0.50	≤0.50
灰分 Ash, %	≤0.20	≤0.30	≤0.30
催化剂 Catalyst	镍 Nickel	钕 Neodymium	钕 Neodymium
顺式含量 Cis-content, %	96	97	97
油含量 Oil Content, %	0	0	0
性质特点 Performance	高耐磨性 低生热 耐屈挠性能好 High abrasion Low heat generation Good flex resistance	较高耐磨性能 更低生热性能 耐屈挠性能较好 High abrasion Lower heat generation Better flex resistance	更高耐磨性能 更低生热性能 耐屈挠性能优异 Higher abrasion Lower heat generation Excellent flex resistance
用途 Application	轮胎、制鞋、输送带 减震等橡胶制品 Rubber products such as tires, shoes, conveyor belts, shock absorbers, etc.	绿色轮胎、制鞋、输送带 减震等需要耐磨及更低 生热领域 Green Tires, shoes, conveyor belts, shock absorbers, and other areas that require abrasion and lower heat generation	绿色轮胎等需要更高耐 磨和更低生热领域 Green tires and other areas that require higher abrasion and lower heat generation



【包装 Packaging】 铁箱;净重25kg/35kg块
Metal box, N.W: 25kg/35kg bale

新产品 New Products

项目 Item	TF45(New)	TF09(New)	TF05G(New)	TF08S(New)	TFBI68(New)
丁戊比 Butadiene/ Isoprene wt%	100/0	100/0	100/0	100/0	30/70
生胶门尼 Mooney Viscosity ML(1+4), 100°C	38-50	32-42	48-58	38-50	70-110
挥发分 Volatile Matter, %	≤0.50	≤0.50	≤0.50	≤0.80	≤0.80
灰分 Ash, %	≤0.30	≤0.30	≤0.30	≤0.20	≤0.30
催化剂 Catalyst	钕 Neodymium	钕 Neodymium	钕 Neodymium	镍/钕 Nickel/Neodymium	铁 Iron
顺式含量 Cis-content, %	97	97	97	96	-
油含量 Oil Content, %	0	27.3 (T&M)	0	0	0
性质特点 Performance	高顺式含量 高耐磨性能 生热更低 良好的密炼和挤出性能 High cis- content Higher abrasion Lower heat generation Good compounding and extrusion properties	良好的耐低温性能 高耐磨性能 良好的操作性 Low-temperature resistance High abrasion High abrasion Excellent operational performance	良好低温操作性 高回弹性 Low-temperature operability Good rebound	高顺式含量 镍系线性化 高透明度 High cis- content Linear polybutadiene with Nickel catalyst High transparency	较好的平衡滚动 阻力和抗湿滑 性能, 优异的 耐屈挠疲劳性能 Good balance of rolling resistance and wet grip, excellent fatigue resistance.
用途 Application	绿色轮胎、制鞋、 输送带、减震 等需要耐磨 及更低生热领域 Green tires, shoes, conveyor belts, shock absorbers, and other areas that require abrasion and lower heat generation	雪地轮胎等 耐寒橡胶制品等 Cold resistant rubber products such as snow tires	高尔夫、制鞋、 减震等 Golf, Shoes, shock absorbers, etc.	制鞋等 Shoes, etc.	高性能绿色轮胎 及其他橡胶制品 High-performance green tries and other rubber products

【包装 Packaging】 铁箱;净重25kg/35kg块
Metal box, N.W: 25kg/35kg bale

NdBR9104性能对比 NdBR9104 Performance Comparison

项目 Item	对标样品 Benchmarking Sample	传化9104 实测值 Transfar NdBR9104 Data	BR9000 实测值 BR9000 Data
分子量 Molecular Weight	Mn/×10 ⁴	11.0	6.6
	D	2.04	3.34
生胶性能 Raw Rubber Properties	生胶门尼 Mooney Viscosity	43	44.1
	总萃取物, % Total Extractables, %	0.36	0.28
	Tx80, s	3.2	10.6
混炼胶性能 Compound Rubber Properties	混炼胶门尼 Compound Mooney Viscosity	69.4	53.5
	ts ₁	3.52	3.64
	T50, min	6.79	6.98
	T90, min	10.13	10.51
硫化胶性能 Vulcanized Rubber Properties	定伸应力, MPa Modulus, MPa	12.5	11.6
	拉伸强度, MPa Tensile Strength, MPa	18.46	15.1
	拉断伸长率, % Elongation, %	407	390
	回弹, % Rebound, %	58	52
	tanδ 0°C	0.137	0.133
	tanδ 60°C	0.113	0.145
	Aklon 磨耗/cm ³ Akron Abrasion Loss/cm ³	0.056	0.063