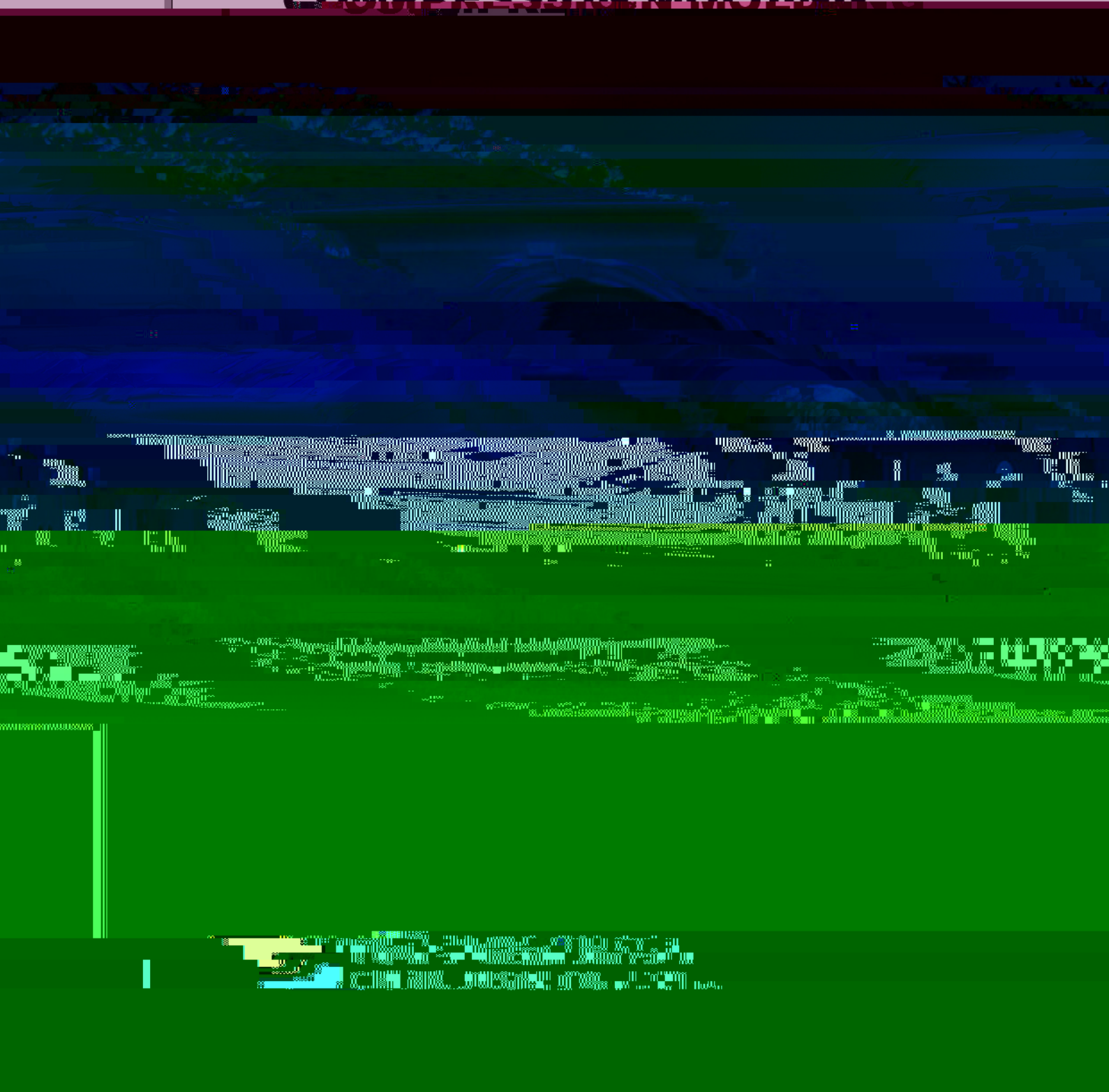




模压成型用玻璃纤维产品

FIBERGLASS PRODUCTS FOR

MOLDING



SMC成型工艺

SMC用玻璃纤维复合无捻粗纱

BMC成型工艺

BMC用无碱玻璃纤维粗纱

LFI工艺

LFI用无碱玻璃纤维粗纱

SMC Process

Assembled Rovings for SMC

BMC Process

Chemical Fibers for BMC

LFI Process

Assembled Rovings for LFI

SMC 成型工艺

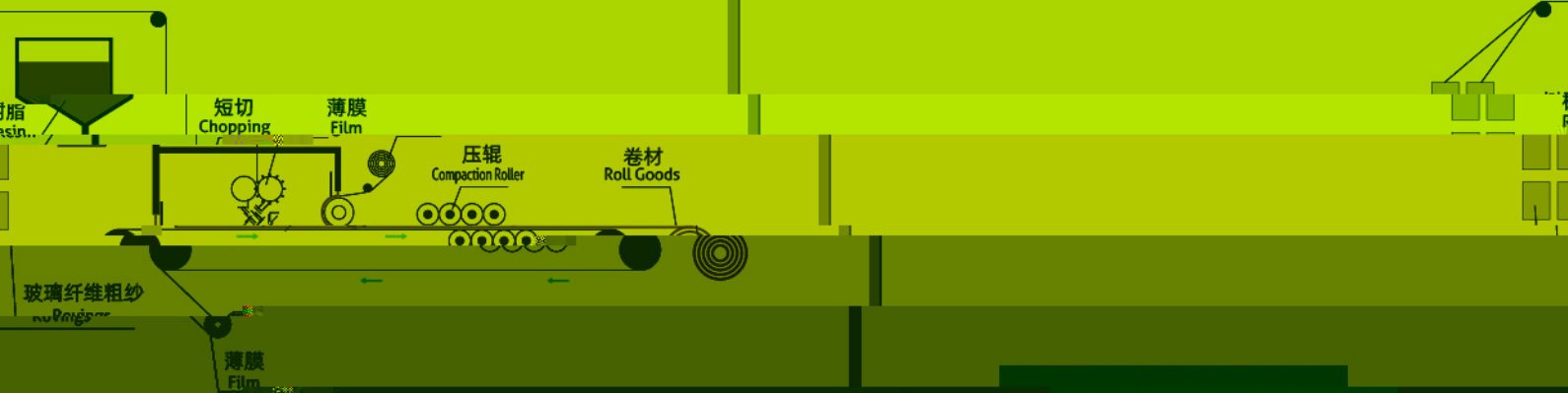
SMC Forming Process

...ed glass fibers evenly on
 ... with water and roller cover by resin
 ... compact the two paste films with pressure rollers
 ... machine unit to form sheet molding compound products.

...的树脂浆料均匀地分散到玻
 ...膜上，然后将玻璃纤维均匀地分散到树脂糊薄膜上，再
 ...在下道工序将两层树脂糊薄膜经滚压，压成坯料

... apply the paste on a first film, disperse cho
 ... paste film, and th
 ... of a SMC

...形成片状模塑料制品。



用玻璃纤维粗纱增强树脂

SMC用玻璃纤维粗纱增强树脂适用于增强不饱和聚酯、乙烯基树脂等，产品切削性能好，分散性好，毛羽少，浸透好，抗静电性能佳。

SMC 成型工艺的终端应用市场

... They deliver properties of good
 ...

产品编号 Product Code	典型线密度 (tex) Nominal Linear Density (tex)	产品描述 Product Description	典型应用 Typical Applications
410J	2400	耐腐蚀耐高温SMC卫浴用品 SMC sanitary products with high boiling resistance	整体卫浴 Unit bathroom
440	2400	通用型SMC制品 General purpose SMC products	汽车配件, 电机配件, 建筑装饰等 Automobile components, electrical parts, building g
440A	2400	汽车顶棚 Car ceiling	汽车顶棚 Car ceiling
4400	2400	高表面质量高耐热SMC制品 SMC products with high surface quality and high heat resistance	汽车顶棚, 汽车顶棚 Car ceiling, Car ceiling
4500	2400	高强度高耐热全纤维增强SMC制品 SMC products with high strength and high glass fiber content	汽车顶棚, 汽车顶棚 Car ceiling, Car ceiling
448	2400	高表面质量高耐热SMC制品 SMC products with high surface quality and high heat resistance	汽车顶棚, 汽车顶棚 Car ceiling, Car ceiling
4800	2400	A级表面SMC制品 SMC products with Grade-A surface	汽车顶棚, 汽车顶棚 Car ceiling, Car ceiling
455	2400	高表面质量高耐热SMC制品 SMC products with high surface quality and high heat resistance	汽车顶棚, 汽车顶棚 Car ceiling, Car ceiling
458	2400	高表面质量高耐热SMC制品 SMC products with high surface quality and high heat resistance	汽车顶棚, 汽车顶棚 Car ceiling, Car ceiling

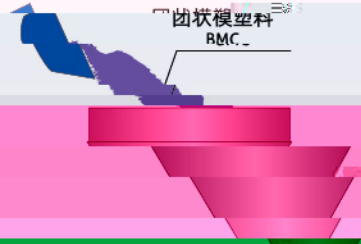
SMC成型工艺的终端应用市场

End Use Market



BMC成型工艺

由玻璃纤维短切原丝、树脂、填料以
 适当比例经充分混合成预混料，再
 进行注塑成型或模压成型。



BMC Process

A bulk molding compound is made by combining glass chopped strands, resin, filler, catalyst and other additives. This compound is processed by compression molding or injection molding to form the finished composite parts.

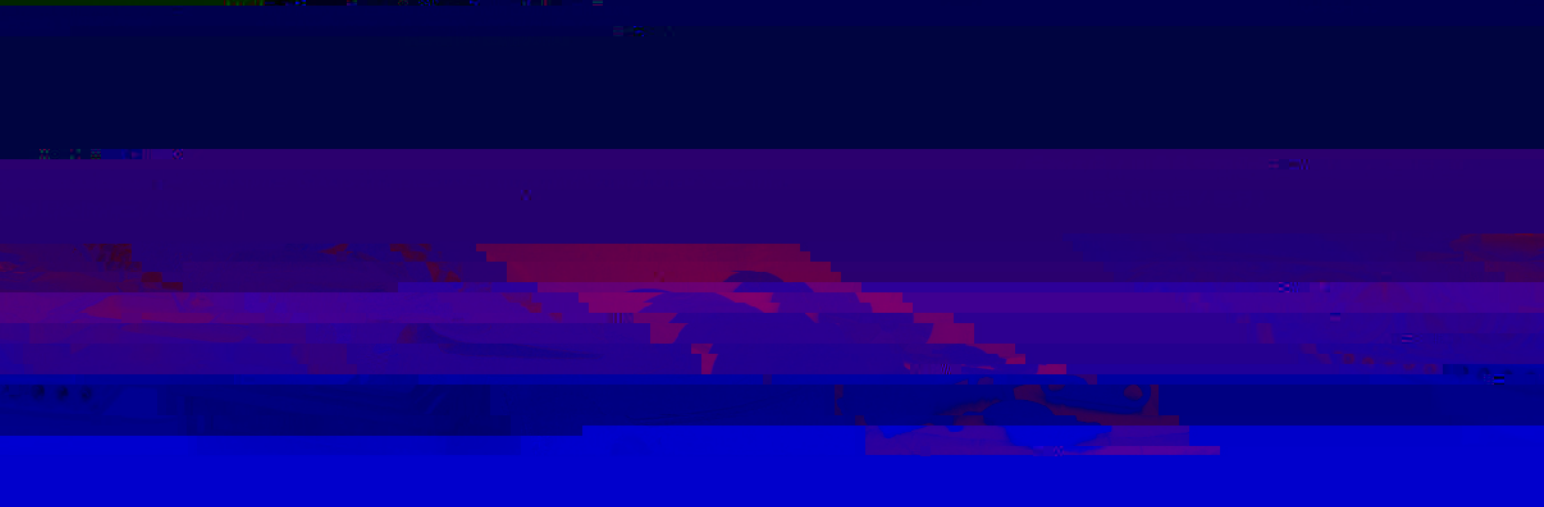


应用范围 Applications

应用范围包括：交通运输、建筑、电气绝缘、机械、轻工和电子工业。

产品牌号	短切长度(mm)	树脂	填料	应用
Product Code	Chopped length (mm)	Resin	Filler	Application
		不饱和聚酯、环氧树脂	无机非金属粉、无机盐类	汽车配件、低压电气开关、电动工具、人造大理石、各种工业零件

产品牌号	短切长度(mm)	树脂	填料	应用
Product Code	Chopped length (mm)	Resin	Filler	Application
		不饱和聚酯、环氧树脂	无机非金属粉、无机盐类	汽车配件、低压电气开关、电动工具、人造大理石、各种工业零件



LFI工艺

将玻璃短切纤维均匀分散在树脂中

异氰酸酯
isocyanate

多元醇
polyol

Roving

LFI Process

the part is cured

模具
Mould

用短切纤维

LFI工艺玻璃短切纤维复合胶壳

短切纤维复合胶壳无挥发物且强度高，具有优异的力学性能，对树脂浸润性好。

Assembled Roving for LFI

Assembled Roving for LFI are compatible with PI, UVF, they deliver properties of low viscosity, excellent dispersion and good wet-out in resin.

产品型号 Product Code	nominal 线密度 (tex) Nominal Linear Density (tex)	产品特点 Product Features	适用树脂 Resin Compatibility	典型应用 Typical Applications
440	2490	短切分散性好，模压流动性好制品机械强度高 Excellent dispersibility and dispersion	环氧树脂体系	风电叶片

开模成型用玻璃纤维产品
Fiberglass Products for Open molding

喷射成型工艺 Spray-up Process
手糊成型工艺 Hand Lay-up Process

管道成型用玻璃纤维产品
Fiberglass Products for Pipes

纤维成型工艺 Filament Winding Process

离心浇铸成型工艺 Centrifugal Casting Process

模压成型用玻璃纤维产品
Fiberglass Products for Compression Molding

SMC成型工艺 SMC Process

BMC成型工艺 BMC Process

FRP工艺 FRP Process

连续型材用玻璃纤维产品

拉挤成型工艺 Pultrusion Process

