

产品说明 Product Description

短切原丝 552B 特别适合于 BMC 预混热固性复合材料，552B 表面涂有硅烷基浸润剂，适合于增强不饱和树脂和乙烯基树脂体系，其独特的浸润剂配方赋予最终制品高的机械性能，特别是冲击强度。

552B Chopped Strands are particularly suitable for manufacturing BMC pre-mix thermosetting composites. They are coated with a silane-based sizing compatible with unsaturated polyester and vinyl ester resin systems. The unique sizing formulation of 552B provides excellent mechanical properties, especially impact strength, to the end products.



产品特点 Product Features

- ◎ 优良的机械性能
- ◎ 良好的集束性、低静电和低毛羽
- ◎ 在树脂中快速分散均匀，工艺性能优异
- ◎ 优异的着色性和配色性

- Excellent mechanical properties
- Good strand integrity, low static and low fuzz
- Fast and even dispersion in resins, good processibility
- Excellent pigmentable and color matching property

规格代号 Specification

玻璃类型 Glass type	E			
短切原丝 Chopped strands	CS			
典型纤维直径 Typical filament diameter (um)	13			
典型短切长度 Typical chopped length (mm)	3	6	12	24
示例 Example	ECS13-03-552B			

技术指标 Technical Parameters

项目 Item	纤维直径偏差 Filament diameter variation	含水率 Moisture content	可燃物含量 Sizing content	短切长度偏差 Chopped length variation	短切率 Choppability
单位 Unit	%	%	%	mm	%
检测方法 Test method	ISO 1888	ISO 3344	ISO 1887	Q/JS J0361	Q/JS J0362
指标 Standard range	± 10	≤ 0.07	1.70 ± 0.15	± 1.00 (d ≤ 10mm) ± 1.50 (10mm < d < 30mm) ± 3.00 (d ≥ 30mm)	≥ 99.00

使用说明 Instructions

- ◎ 本产品应在12个月内使用最佳，使用前应保存在原包装内。
- ◎ 产品使用时注意防护，避免产品擦毛、损伤等情况。
- ◎ 使用前调理纱线的温湿度与环境温湿度平衡，使用时对环境温湿度进行适当控制。

- The product is best used within 12 months after production, and should be kept in the original package before use.
- Care should be taken when using the product to prevent it from being scratched or damaged.
- The temperature and humidity of the product should be conditioned to be close or equal to the ambient temperature and humidity before use, and the ambient temperature and humidity should be properly controlled during the use.

包装信息 Packaging

采用集装袋包装、编织袋包装：

- 集装袋可装900kg~1200kg产品，标准定重1000kg。
- 编织袋可装15kg~30kg产品，标准定重25kg。

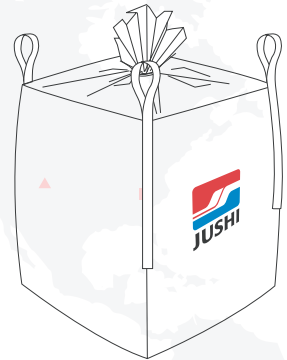
The product can be packed in container bags or woven bags:

- A container bag can hold 900kg~1200kg of products, with the standard weight being 1000kg.
- A woven bag can hold 15kg~30kg of products, with the standard weight being 25kg.

集装袋尺寸 Container bag size

长度 Length mm(in)	990 (38.98)
宽度 Width mm(in)	990 (38.98)
高度 Height mm(in)	1100 (43.31)

包装图片 Package picture



贮存 Storage

在没有特殊要求的情况下，玻璃纤维产品应贮存在干燥、阴凉的地方，防止受潮。最佳存储条件为温度 $-10^{\circ}\text{C} \sim 35^{\circ}\text{C}$ ，相对湿度 $\leq 80\%$ 。为确保安全，避免损坏产品，托盘的堆码高度不应超过三层。当堆放两层或三层高时，要求正确地、平稳地移动上面的托盘。

Unless otherwise specified, the fiberglass products should be stored in a dry, cool and moisture-proof area. The best temperature and humidity should be maintained at $-10^{\circ}\text{C} \sim 35^{\circ}\text{C}$ and $\leq 80\%$ respectively. To ensure safety and avoid damage to the product, the pallets should be stacked not more than three layers high. When the pallets are stacked in two or three layers, special care should be taken to correctly and smoothly move the upper pallet.