



510C

PC用短切原丝
Chopped Strands for PC

产品说明 Product Description

510C 是增强热塑性塑料用短切原丝，表面涂覆硅烷基浸润剂，适用于增强PC。

510C 适用挤出注塑工艺，广泛应用于汽车工业、家电、运输、包装等领域。产品通过了 FDA 认证，可用于食品容器。

510C Chopped Strands are designed for thermoplastics application. They are coated with a silane-based sizing compatible with PC.

510C is designed for extrusion and injection molding processes, and is widely used in automotive, home appliance, transportation, and packing applications. The product has passed the FDA certification and can be used in food contact applications.



产品特点 Product Features

◎ 原丝集束性好、静电小

◎ 原丝毛羽少、流动性好

·Good strand integrity and low static

·Low fuzz and good flowability

◎ 分散性好，复合材料外观良好

◎ 优异的耐高温性

·Good dispersion and appearance of parts

·Excellent high temperature resistance

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 (μm)	10			13
典型短切长度 Typical chopped length (mm)	3, 4.5			
示例 Example	ECS13-03-510C			

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
巨石标准 Jushi standard	± 10	≤ 0.07	0.40 ± 0.10	± 1.00	≥ 99.00
行业要求或国标 Industry requirement or NS	± 10	≤ 0.15	± 0.2	± 1.5	≥ 95

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1100kg。

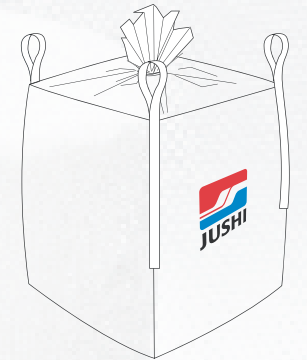
- 编织袋可装15kg~30kg产品，标准定重25kg。

包装图片 Package picture

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 1100kg.

- 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)	1020 (40.16)
宽度 Width mm(in)	1020 (40.16)
高度 Height mm(in)	1100 (43.31)

编织袋尺寸 Woven bag size

长度 Length mm(in)	850 (33.46)
宽度 Width mm(in)	500 (19.69)
高度 Height mm(in)	120 (4.72)



巨石使命 Corporate Mission

材料创新为全球可持续发展作贡献

Make Innovative Materials to Contribute to the World's Sustainable

巨石愿景 Corporate Vision

保持全球玻纤工业领导者

Maintain the Leadership in the World Fiberglass Industry

巨石核心价值观 Core Values

品行 创新 责任 学习 激情

Conduct Innovation Responsibility Learning Passion

产品使用建议 *Tips for product usage*

- 本产品在 18 个月内使用最佳，使用前应保存在原包装内。建议使用时遵循先到先用原则，避免产品存放时间过长，出现分散不良、结块、毛羽增多等现象。
- 避免不同牌号的产品混合使用，如需混用，请寻求技术支持。
- 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。建议使用温度控制在 15℃ ~ 30℃、湿度 60%±15% 最佳。
- *The product is best used within 18 months after production and should be stored in its original packaging before use. Customers are advised to follow the “first-in, first-out” method in warehousing to avoid long-term storage of a certain product, which may otherwise lead to poor dispersion, caking or fuzz.*
- *Please avoid mixing products of different specifications in usage. In case of such mixing, please turn to our technical staff for help.*
- *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, where it is recommended to keep the temperature at 15°C-30°C and humidity at 60% ± 15%.*

产品防护建议 *Tips for product protection*

- 产品使用时注意防护，避免产品擦毛、变形、损伤等情况。
- 产品拆开后建议尽快使用，未使用完的产品建议内衬袋重新扎紧并做好防护，降低污染风险。
- *Care should be taken when using the product to prevent it from scratch, deformation or damage.*
- *The product should be used as soon as possible after having been unpackaged. For the unused part of the product, the inner lining should be installed back and tightened again and protective measures should be taken to avoid the risk of contamination.*

工装维护建议 *Tips for maintaining accessories*

- 刀辊、皮辊、张力棒、瓷眼、螺杆等相关工艺附件作好定期保养、更换，及时清理毛羽及黏结物，使用时请合理控制张力并保证张力均匀性。
- *The process accessories such as blade rollers, rubber rollers, tension bars, ceramic guide rings and screws should be maintained and/or replaced regularly, and the fuzz and agglomerations should be cleared in due time. When using the product, please ensure that the tension is reasonably controlled and uniform.*

生产安全建议 *Tips for safety production*

- 接触玻璃纤维产品时，对玻璃纤维敏感者建议穿戴 PVC 或橡胶类手套，防止出现皮肤过敏。
- 搬运玻璃纤维产品时，建议穿戴劳保鞋，防止产品掉落砸伤脚面。
- *People who are allergic to glass fiber product are advised to wear PVC or rubber gloves when handling the product to prevent harm to skin.*
- *When carrying the glass fiber product, it is recommended to wear protective shoes to prevent the product from falling and injuring the foot.*

生产安全建议 *Tips for safety production*

- 接触玻璃纤维短切原丝产品时，建议佩戴防尘口罩，防止玻璃纤维吸入呼吸道。
- 接触玻璃纤维短切原丝产品时，建议佩戴护目镜，防止玻璃纤维碎屑进入眼睛，损伤眼部组织。
- *It is recommended to wear a dust mask when handling chopped glass fiber to prevent it from being inhaled into the respiratory tract.*
- *It is recommended to wear goggles when handling chopped glass fiber to prevent it from entering the eyes and damaging eye tissues.*

装卸贮存建议 *Tips for product handling and 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℃ ~ 35℃，相对湿度≤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。
- 液压车和叉车在装卸铲运过程中，叉齿之间的距离应尽量放宽至托盘的进叉口外缘，进叉深度应大于整个托盘深度的 2/3 以上，进叉深度不要超出托盘深度，防止叉车叉角破坏前面的托盘包装及包装里面的货物。
- 在场地允许的情况下，不同货物其规格或尺寸不相同，应根据不同品种、等级、批次等因素多货物分开堆码，以便收发、保管。货垛的高度要适度，不能压坏底层货物和地坪，并与屋顶、照明灯保持一定距离为宜。
- *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℃ ~ 35℃ and ≤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.*
- *During the loading and unloading operations, the distance between the forks should be widened to match the outer edges of the pallet's entry slots. The insertion depth should exceed two-thirds of the entire pallet depth but must not extend beyond the pallet's full depth. This prevents the fork tips from damaging the adjacent pallet and its contained products.*
- *Categorized Stacking Requirements: Where space permits, separate products by specifications, categories, grades, or batches for efficient storage and retrieval; stack heights must not compromise the integrity of bottom-layer goods or the floor surface; maintain adequate clearance from ceilings and lighting fixtures.*



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