



E6 306B

缠绕用无捻粗纱

Roving for Filament Winding

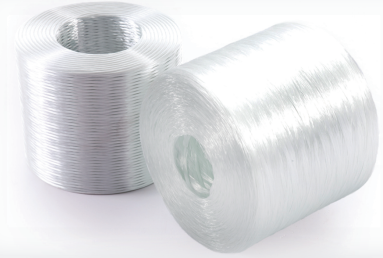
产品说明 Product Description

306B 为无碱直接、合股无捻粗纱，表面涂覆硅烷基浸润剂，可兼容于不饱和树脂、环氧树脂和乙烯基树脂体系。

306B 用于增强热塑性管道，适用于缠绕工艺，产品耐酸性和耐磨性好，主要用于生产缠绕成型管道系统。

306B Direct Roving and/or Assembled Roving is coated with a silane-based sizing. It is compatible with unsaturated polyester, epoxy, and vinyl ester resins.

306B is designed for RTP(reinforced thermoplastics pipes) made by the filament winding process which requires acid resistance and abrasion resistance. It is mainly used for producing wound piping systems.



产品特点 Product Features

- ◎ 优异的使用工艺性能
- ◎ 优异的耐化学腐蚀性，例如石油和天然气中H₂S腐蚀
- ◎ 优异的耐磨性
- Excellent process performance
- Excellent chemical corrosion resistance, such as crude oil and gas H₂S corrosion
- Excellent wear resistance

规格代号 Specification

玻璃类型 Glass type	E6	
浸润剂类型 Sizing type	硅烷 Silane	
典型纤维直径 Typical filament diameter (μm)	12	13
典型线密度 Typical linear density (tex)	735 / 8085 14700 / 19845	765
示例 (直接纱) Example (Direct Roving)	E6DR12-735-306B	
示例 (合股纱) Example (Assembled Roving)	E6R12-8085-306B(U)	

技术指标 Technical Parameters

项目 Item	线密度偏差 Linear density variation	含水率 Moisture content	可燃物含量 Sizing content	断裂强度 Breakage strength
单位 Unit	%	%	%	N/tex
检测方法 Test method	ISO 1889	ISO 3344	ISO 1887	ISO 3341
指标 Standard range	± 4	≤ 0.07	0.70±0.10 (直接纱Direct Roving) 0.75±0.15 (合股纱Assembled Roving)	≥ 0.50 (直接纱Direct Roving, > 12 μm) ≥ 0.60 (直接纱Direct Roving, ≤ 12 μm) ≥ 0.46 (合股纱Assembled Roving)

使用说明 Instructions

- ◎ 本产品应在18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 18 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.



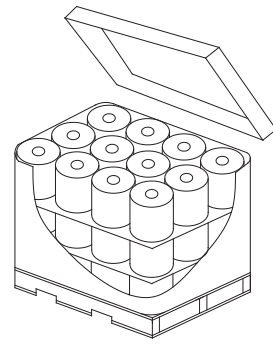
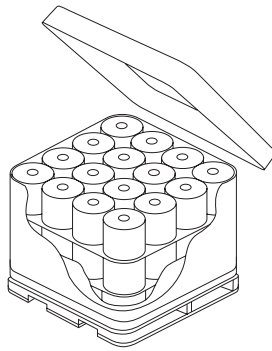
E6 306B

缠绕用无捻粗纱

Roving for Filament Winding

包装信息 Packaging

项目 Item	单位 unit	指标 Standard					
典型包装方式 Typical packaging method	/	采用托盘包装 Packed on pallets.					
类型 Type	/	直接纱 Direct Rovings			合股纱 Assembled Rovings		
典型纱团高度 Typical package height	mm (in)	260 (10.2)					
纱团内径 Package inner diameter	mm (in)	160 (6.3)			100 (3.9)		
典型纱团外径 Typical package outer diameter	mm (in)	280 (11.0)		310 (12.2)		280 (11.0)	
典型纱团重量 Typical package weight	kg (lb)	15.6 (34.4)		22.0 (48.5)		17.0 (37.5)	
层数 Number of layers	层 (layer)	3	4	3	4	3	4
每层纱团个数 Number of packages per layer	个 (pcs)	16		12		16	
每托纱团个数 Number of packages per pallet	个 (pcs)	48	64	36	48	48	64
每托重量 Net weight per pallet	kg (lb)	748.8 (1650.2)	998.4 (2201.1)	792.0 (1746.1)	1056.0 (2328.1)	816.0 (1799.0)	1088.0 (2398.6)
托盘长度 Pallet length	mm (in)	1140 (44.9)		1270 (50.0)		1140 (44.9)	
托盘宽度 Pallet width	mm (in)	1140 (44.9)		960 (37.8)		1140 (44.9)	
托盘高度 Pallet height	mm (in)	940 (37.0)	1200 (47.2)	940 (37.0)	1200 (47.2)	940 (37.0)	1200 (47.2)



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.

安徽天复新材料有限公司 ANHUI TIANFU NEW MATERIAL CO.,LTD

Copyright © 2024 安徽天复新材料有限公司

Add: Room 1716, Lvdi Building, Qianshan Road, Zhengwu District, Hefei City, Anhui Province, China

Tel/WhatsApp/Skype: +86 13696771864

Email: sales@tfcomposite.com

Website: www.tfcomposite.com