



E6 312T

拉挤用直接无捻粗纱

Direct Roving

For pultrusion

312T无捻粗纱为无碱连续单股直接纱，表面涂覆硅烷基浸润剂，适用于增强不饱和聚酯树脂、乙烯基树脂、聚氨酯树脂、环氧树脂等多种热固性树脂体系，具有良好通用性。

利用312T产品制备得到的玻璃钢复合材料，拉伸、弯曲、剪切等机械性能优异，可用于多种拉挤型材及其他高性能拉挤制品的生产。

312T Direct Roving coated with a silane-based sizing is compatible with unsaturated polyester, vinyl ester polyurethane and epoxy resins. Composites prepared with 312T have excellent tensile, flexural and shear properties. 312T is suitable for pultrusion process to manufacture pultruded profiles with high performance.

产品特点

- ◎ 与多种树脂相容
- ◎ 浸透快速而完全
- ◎ 制品机械性能优良
- ◎ 适用于多种拉挤工艺

Product Features

- ◎ Compatible with most thermosetting resin systems
- ◎ Complete and fast wet-out
- ◎ Good mechanical properties
- ◎ Suitable for various pultrusion process

规格代号 Identification:

玻璃类型 Glass Type	E6					
浸润剂类型 Type of Size	硅烷 Silane					
浸润剂代号 Size Code	312T					
线密度(tex) Linear Density tex	2000	2400	4400	4800	8820	9600
纤维直径(um) Filament Diameter um	21	24	23	24	30	31



技术指标 Technical Parameters

线密度偏差 Linear Density (%)	含水率 Moisture Content (%)	可燃物含量 Size Content (%)	断裂强度 Breakage Strength (N/Text)
ISO1889	ISO3344	ISO1887	ISO3341
± 4	≤ 0.10	0.58 ± 0.10	≥0.40 (≤4400) ≥0.30 (4401-9600) ≥0.25 (≥9600)

机械性能参数 Mechanical Properties

性能参数 Mechanical Properties	单位 Unit	实验值 Value	树脂 Resin	测试方法 Method
拉伸强度 Tensile Strength	MPa	2265	聚酯 polyester	ASTM D2343
拉伸模量 Tensile Modulus	MPa	81173	聚酯 polyester	ASTM D2343

以上数据为实验室针对E6DR24-2400-312T产品的具体实验值，仅供参考。
The above data are actual experimental values for E6DR23-4400-312T and for reference only.

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、凉爽的地方，防止受潮。建议保持室内温度平衡，最佳存储条件为温度-10℃~35℃，相对湿度≤80%。本产品在12个月内使用最佳，使用前应保持在原包装内，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 fiberglass products should remain in their original package until prior to use. The room temperature and humidity should be always maintained at -10°C~35°C and ≤80% respectively. To ensure safety and avoid damage to the product, the pallets should not be stacked more than three layers high. When the pallets are stacked in 2 or 3 layers, special care should be taken to correctly and smoothly move the top pallet.

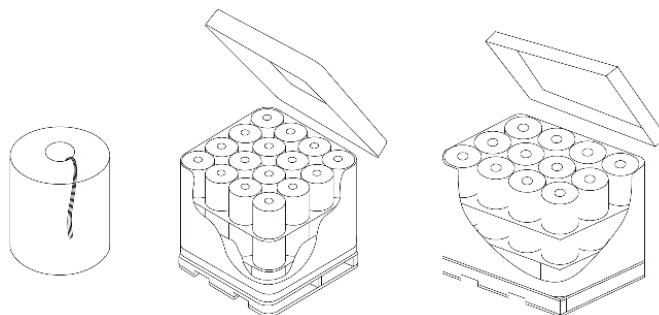
包装信息 Packaging

* 采用托盘包装或小纸箱包装
The product can be packed on pallet or in small cardboard boxes.

纱团高度 Package height mm (in)	260 (10)	260 (10)
纱团内径 Package inside diameter mm (in)	160 (6.3)	160 (6.3)
纱团外径 Package outside diameter mm (in)	275 (11)	310 (12.2)
纱团重量 Package weight kg (lb)	15.6 (34.5)	22 (48.5)

层数 Number of layers	3	4	3	4
每层纱团个数 Number of doffs per layer	16		12	
每托纱团个数 Number of doffs per pallet	48	64	36	48
每托重量 Net weight per pallet kg (lb)	750 (1653.4)	1000 (2204.6)	792 (1746.1)	1056 (2328.1)

托盘长度 Pallet length mm (in)	1120 (44)	1270 (50)
托盘宽度 Pallet width mm (in)	1120 (44)	960 (38)
托盘高度 Pallet height mm (in)	940 (37)	1200 (47)



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