

180是一种高性能喷射成型工艺用合股无捻粗纱，涂覆硅烷基浸润剂，适用于增强不饱和聚酯树脂、乙烯基树脂和聚氨酯树脂。

180是通用型喷射纱，适用于生产游艇、卫生洁具、游泳池和汽车部件等；180产品也可用于离心浇注工艺生产管道。

180 Assembled Roving for Spray-up is coated with a silane-based sizing, compatible with unsaturated polyester, vinyl ester and polyurethane resins.

180 is a versatile general purpose spray-up roving used to manufacture boats, yacht, sanitary ware, swimming pool and automotive parts and also pipe by centrifugal casting process.

### 产品特点

- ◎ 良好的抗静电性
- ◎ 优异的短切性和分散性
- ◎ 优异的贴膜性，小角度无回弹
- ◎ 优异的浸透性，易于辊压排气泡
- ◎ 优良的制品强度

### Product Features

- ◎ Excellent static control.
- ◎ Excellent choppability and dispersion.
- ◎ Fast and complete wet-out ensures easy roll-out and rapid air release.
- ◎ Excellent strength of the composite products.
- ◎ Excellent hydrolysis-resistance of finished parts.

### 规格代号 Identification:

代号示例 Example	ER11-2400-180
玻璃类型 Glass Type	E
合股无捻粗纱 Assembled Roving	R
纤维直径 Filament Diameter(μm)	11,13
线密度 Linear Density(tex)	2400,3000,800
浸润剂代号 Size Code	180



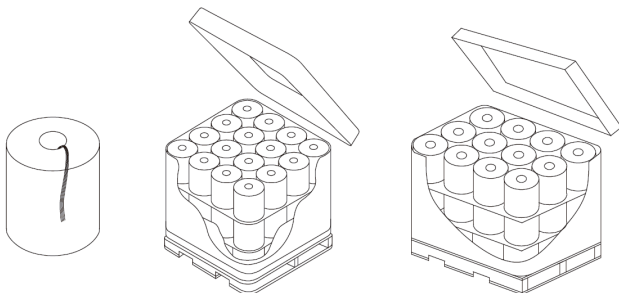
### 技术指标 Technical Parameters

线密度偏差 Linear Density (%)	含水率 Moisture Content (%)	可燃物含量 Size Content (%)	硬挺度 Stiffness (mm)
ISO 1889	ISO 3344	ISO 1887	ISO 3375
± 4	≤ 0.10	1.00 ± 0.15	140±20 135±15 (11μm)

### 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°C~35°C，相对湿度≤80%。本产品在12个月内使用最佳，使用前应保持原包装内，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  
The product can be packed on pallet.

纱团高度 Package height mm (in)	260 (10.2)	260 (10.2)
纱团内径 Package inside diameter mm (in)	100 (3.9)	100 (3.9)
纱团外径 Package outside diameter mm (in)	275 (10.8)	310 (12.2)
纱团重量 Package weight kg (lb)	17.5 (37.5)	23 (50.7)

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)	816 (1799)	1088 (2399)	828 (1825)	1104(2434)

托盘长度 Pallet length mm (in)	1120 (44.1)		1270 (50.0)	
托盘宽度 Pallet width mm (in)	1120 (44.1)		960 (37.8)	
托盘高度 Pallet height mm (in)	940 (37.0)	1200 (47.2)	940 (37.0)	1200 (47.2)

## APEX GLOBAL TRADING LTD.