

440是一种通用型的SMC用纱，表面涂有硅烷复合型浸润剂，适用于增强不饱和聚酯树脂和乙烯基树脂。

440产品适用制作低收缩型片材，也可用于低轮廓片材生产。典型的制品有：各种汽车部件、门皮、水箱、电气部件等。

440 is a General Purpose SMC Roving. This silane-based sizing is designed for compatibility with unsaturated polyester and vinyl ester resins.

General Purpose SMC products include: electric enclosures, door skins, water tank components and various parts in building, industrial and automotive markets. Although 440 can be used in SMC formulations containing low shrink and low profile additives, for Class-A grade we offer 456.

产品特点

- ◎ 良好的抗静电性
- ◎ 良好的短切性
- ◎ 良好的浸透性
- ◎ 优异的制品强度

Product Features

- ◎ Excellent static control and choppability
- ◎ Fast wet-out
- ◎ Good mechanical property of composite products

规格代号 Identification:

代号示例 Example	ER14-2400-440
玻璃类型 Glass Type	E
合股无捻粗纱 Assembled Roving	R
纤维直径(μm) Filament Diameter(μm)	14,15,16
线密度(tex) Linear Density(tex)	2400, 4400, 4800
浸润剂代号 Size Code	440



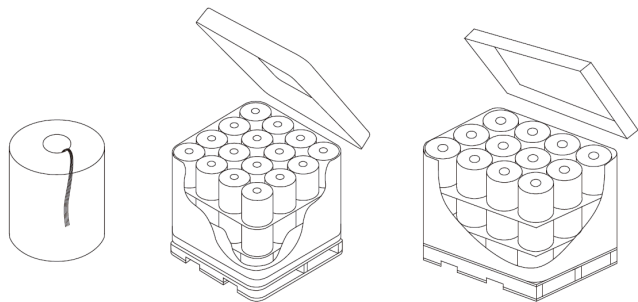
技术指标 Technical Parameters

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	1.25 ± 0.15	160±20(14-15μm) 170±20(16μm、80)

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℃~35℃ 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 (10.2)	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)	270 (10.6)	310 (12.2)
纱团重量 Package weight kg (lb)	17 (37.5)	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)	816 (1799)	1088 (2398.6)	792 (1746.1)	1056 (2328.1)

托盘长度 Pallet length mm (in)	1120 (44.1)		1270 (50)	
托盘宽度 Pallet width mm (in)	1120 (44.1)		960 (37.8)	
托盘高度 Pallet height mm (in)	940 (37)	1200 (47.2)	940 (37)	1200 (47.2)

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