

常州联拓复合材料有限公司

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ASSEMBLED ROVING FOR SMC

458 is a premium grade pigmentable SMC roving, coated with silane-based sizing which is compatible with unsaturated polyester and vinyl ester resins.

458 roving is mainly used to produce light color SMC products with excellent UV resistance. This roving enables high-temperature, fast molding cycles at very high First Pass Yields, because of the very low incident rate of blistering, fiber-show and pin-hole defects. The main applications are sanitary ware fixtures, with extremely high demand of surface quality and color consistency.

Product Features

- ◎ Low static and fuzz
- ◎ Good chopability
- ◎ Good wet-through and complete strand wet-out properties
- ◎ Outstanding color consistency and UV resistance
- ◎ Outstanding pigmentability and fiber whiteness
- ◎ Smooth, shiny surface in finished molded parts

Identification:

Example	ER14-4500-458
Glass Type	E
Assembled Roving	R
Filament Diameter(μm)	14
Linear Density(tex)	4500
Size Code	458



Technical Parameters

Linear Density (%)	Moisture Content (%)	Size Content (%)	Stiffness (mm)
ISO 1889	ISO 3344	ISO 1887	ISO 3375
± 4	≤ 0.10	2.00 ± 0.20	160±20

Packaging

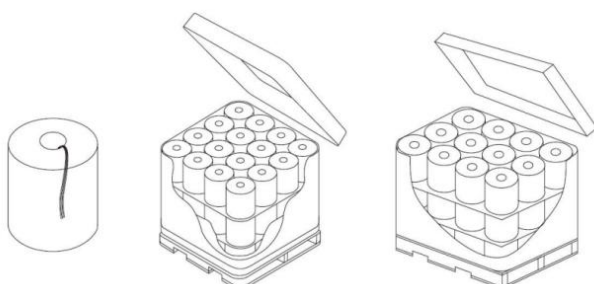
The product can be packed on pallet or in small cardboard boxes.

Package height mm (in)	260 (10.2)	260 (10.2)
Package inside diameter mm (in)	100 (3.9)	100 (3.9)
Package outside diameter mm (in)	270 (10.6)	340 (13.4)
Package weight kg (lb)	17 (37.5)	28.5 (62.8)

Storage

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.

Number of layers	3	4	3
Number of doffs per layer	16		12
Number of doffs per pallet	48	64	36
Net weight per pallet kg (lb)	816 (1799)	1088 (2398.6)	1026 (2262)



Pallet length mm (in)	1120 (44.1)	1380 (54.3)	
Pallet width mm (in)	1120 (44.1)	1050 (41.3)	
Pallet height mm (in)	940 (37)	1200(47.2)	940 (37)