



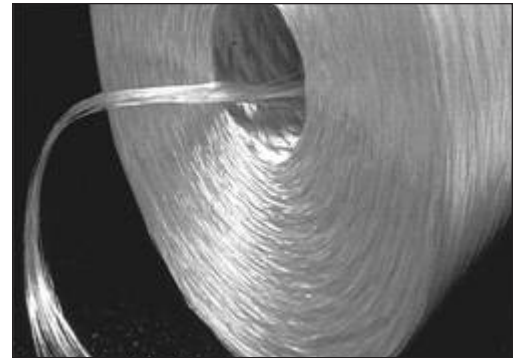
957

Multi-End Roving for SMC

PRODUCT DESCRIPTION

The 957 Multi-End Roving is manufactured from a collection of continuous glass filaments, gathered, without mechanical twist, into multiple bundles. The filaments that make up the bundles are bonded together with a high performance polyester/vinylester compatible silane based sizing. The 957 sizing is compatible with polyester/vinylester resin systems as well as some polyurethane resins.

957 Multi-End Roving is produced using Advantex® glass fiber. Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glasses with the corrosion resistance of E-CR glass. Advantex® glass meets the requirements stated of both E and E-CR glass



PRODUCT APPLICATION

957 Multi-End Roving is designed for use in the manufacture of sheet molding compounds (SMC) for use in the consumer and automotive markets.

FEATURES AND PRODUCT BENEFITS

- | | |
|-----------------------------------|-------------------------------------|
| • Superior Laminate Properties | • Excellent Runnability |
| • First Rate Flow Characteristics | • Excellent Choppability |
| • Excellent Sheet Density | • Excellent Wetting Characteristics |
| • Quality and Consistency | • Optimum Package and Pallet Weight |
| • Low Static and Fuzz | |

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

LINEAR WEIGHT (TEX)	LOSS ON IGNITION (%)	MOISTURE (%)
ISO 1889 : 1997	ISO 1887 : 1995	ISO 3344 : 1997
4500	2.08	< 0.03

VISUAL CHARACTERISTICS OR POSSIBLE DEFECTS

Roving doffs are square-edged, cylindrical packages which are firmly and evenly wound and have a constant traverse length. The packages are designed to provide a smooth runout, and their geometry is controlled to maintain the desired run out performance. Unless otherwise specified, packages (doffs) are connected using an 8-way air splice.

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PRODUCT AVAILABILITY

CHARACTERISTICS		
Diameter (mm, in)	Height (mm, in)	Weight (kg, lb)
30.5 / 12	26 / 10.3	23 / 50.8

PACKAGING

	DOFFS PER PALLET	LAYERS PER PALLET	DOFFS PER LAYER	PALLET DIMENSIONS L X W X H
Package No. 4093 • Air Spliced Tack- Pak® Wrap Vertical Creel-Pak® • Creel-Pak® 12 End Run Out	48	4	12	129.5 x 96.5 x 119 (cm) 51 x 38 x 47 (in)
Package No. 4023 • Air Spliced Tack- Pak® Wrap Vertical Creel-Pak® • Creel-Pak® 12 End Run Out	48	4	12	142 x 109 x 119 (cm) 56 x 43 x 47 (in)

- 12 ERO tails on long or short side of pallet
- 4 ERO tails on long side

STORAGE

Unless otherwise specified, it is recommended to store glass roving products in a cool dry area. Storage temperature should not exceed 95°F (35°C) and the relative humidity should be kept below 75%. Pallets should not be stored more than two high.

Triple stacking will create dispersion and runout problems in addition to being a serious safety problem. Extended storage (more than one week) of double stacked pallets should be avoided.

For optimum processing, the roving should be allowed to equilibrate to the temperature and humidity conditions of the room in which it is used. The product processes best when run under conditions that do not exceed 60-80°F, 50-70% RH, at pulling speeds between 100 and 300 FPM with the strand being pulled straight up out of the doff into continuous stainless steel guide tubes which run directly to the chopper assembly and are spaced between 1 and 2 inches apart on the cutter head which is at least 24-30" above the bed. If pulling speeds are less than 100 FPM a secondary dispersion device is strongly recommended.

Do Not Stand on doffs or pallet. Move pallet using the wooden pallet, do not attempt to push doffs or pallet around by pushing on the doff.

Glass roving products must remain in their packing material until just prior to their use. The stretch wrap should be removed from the pallet just BEFORE use.

Contact

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