OCV™ Reinforcements

PRODUCT INFORMATION

973

Multi-End Roving for Input and Chopping

PRODUCT DESCRIPTION

The 973 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 973 sizing is compatible with polyester/vinylester resin systems as well as some polyurethane resins.

973 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.

PRODUCT APPLICATION

Fiberglas® 973 Multi-End Roving is designed for use in the manufacture of sheet molding compounds for use in door skins, interior and exterior automotive parts and industrial parts.

FEATURES AND PRODUCT BENEFITS

- Excellent laminate properties
- First rate flow characteristics
- Excellent sheet density
- Excellent surface quality in low profile SMC
- Quality and consistency
- Low static and fuzz
- Excellent runnability
- Excellent choppability
- Excellent wetting characteristics
- Optimum package and pallet weight

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

LINEAR WEIGHT (TEX)	LOSS ON IGNITION (%)	MOISTURE (%)
2200	1.85%	≤ 0.03
4500	1.85%	≤ 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

DOFFS		
External diameter (cm./in.)	Height (cm./in.)	Weight (kg./lb.)
28.7/11.3	26/10.3	19.4/42.8

PACKAGING

- Air Spliced Tack-Pak® Wrap Vertical Creel-Pak®
- Creel-Pak® 12 End Run Out

DOFFS PER PALLET	DOFFS PER LAYER	NUMBER OF LAYERS	PALLET DIMENSIONS L X W X H (CM)	APPROXIMATE NET WEIGHT (KG/LB)
48	12	4	120x92x120	931/2055

STORAGE

973 Multi-End Roving should be stored dry, in its original packaging. The best conditions are temperature between 15 and 35°C and at a relative humidity between 35 and 85%.

If the product is stored at low temperature (below 15°C) it is advisable to condition it in the workshop, for at least 24 hours before use, to prevent condensation.

Static stacking of the pallets is possible one plus one (1/1), but it is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

This product must be used within 12 months of delivery.

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MultiEndRov_973_ww_12-2008_Rev1