

ME 1975 MULTI-END ROVING FOR SMC

FOR VERTICAL WALL CLASS A APPLICATIONS



DESCRIPTION

- Produced using Advantex® corrosion resistant glass fibers which combines the electrical and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass
- Manufactured from a collection of continuous glass fibers which are gathered, without mechanical twist, into a single strand or roving
- This Advantex® glass roving has a sizing system with a silane coupling agent. It has been designed to provide excellent process-ability and wetting properties, It is compatible with Polyester, Vinylester unsaturated resins and some Polyurethane resins

BENEFITS

- Allows for high line speeds or thick paste viscosity
- Excellent processability such as easy unwinding and chopping, flat lay-down and uniform dispersion with no static
- Excellent wet-through and impregnation in a relatively dense sheet
- Excellent resin flow, especially in long vertical walls
- Class A surface appearance without rippling
- Good part mechanical properties



APPLICATIONS

Designed for the manufacture of Sheet Molding Compound used in Automotive or Heavy Truck Class A parts



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TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

Linear weight of roving (Tex) (g/km)	Yield (yards/lb)	Loss on Ignition (%)	Moisture (%)
ISO 1889 : 2009		ISO 1887:2014	ISO 3344 : 1997
4500	110	1.88%	< 0.03%

PRODUCT AVAILABILITY (STANDARD REFERENCE)

Manufacturing region	Product	Doff characteristics		
		Diameter External (in)	Height (in)	Average weight (lb)
North America	ME 1975	14	10.3	67.5

PACKAGING (STANDARD REFERENCE)

To prevent doffs collapse, the outside stretch-wrap should be removed BEFORE running the product. Each ME 1975 doff is protected by Tack Wrap and identified by an individual label including production date. Please do not remove wrap during use. Customer specific packaging requirements may be available upon request.

Manufacturing region	Tex (g/km)	Doff ϕ (in)	Pallet L x W x h (in)	Layers/pallet	Doff/layers	Total # of doffs	Creel Pak run-out # of ends	Pallet Weight* (lb)
North America	4500	11 – 12 – 14	56 x 43 x 47	4	12	48	1-16	3240

(*) Add 100 lbs to obtain gross weight

LABELLING

Each doff has a self-adhesive identification label, showing the product reference and the production date.

STORAGE

It is generally recommended to store glass fiber products in original packaging in a cool dry area, preferably 60°F-80°F with relative humidity between 35% and 75%. Under such conditions, the ME 1975 roving can be used up to 2 years from the date of manufacture. After 2 years, it is recommended to check product quality before use. The packaging system is designed to allow short term stacking of two pallets (maximum). When stacking two high, care should be taken to correctly and smoothly place the top pallet. It is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

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