

ME1975 – 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
- Sizing system with a silane coupling agent
- Designed to provide excellent process-ability and wetting properties
- Compatible with polyester, vinylester unsaturated resins and some polyurethane resins

BENEFITS

- Allows for high line speeds or thick paste viscosity
- Excellent process-ability such as easy unwinding and chopping, flat lay-down & 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.

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

Linear weight of roving (TEX) (g/km)	Yield (yds/lb)	Loss on Ignition (%)	Moisture (%)
ISO 1889 : 1987		ISO 1887	ISO 3344 : 1977
4500	110	1.88%	< 0.07%



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PRODUCT AVAILABILITY (STANDARD REFERENCE)

Manufacturing region	Product	Doff characteristics		
		External diameter mm/inch	Height mm/inch	Average weight kg/lbs
North America	ME 1975	350/13.9	260/10.25	31/68

PACKAGING (STANDARD REFERENCE)

Manufactured from a collection of continuous glass fibers which are gathered, without mechanical twist, into a single strand or roving. Each ME 1975 doff is protected by a tack-wrap polythene film and identified by an individual label. Please do not remove film during use. Customer specific packaging requirements may be available upon request. To prevent doffs collapse, the outside stretch-wrap should be removed BEFORE running the product. A full truckload contains 13 pallets.

Manufacturing region	Tex grams/km	Doff ϕ	Pallet L x W X h	Layers/pallet	Doff/layers	Total # of doffs	Creel Pak run-out # of ends	Pallet weight*
North America	4500	350 mm 13.9"	142 x 109 x 122 cm 56" x 43" x 48"	4	12	48	12	1490 kg 3400 lbs

(*) Add 45-50 kg to obtain gross weight.

LABELLING

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

STORAGE

Unless otherwise specified, it is recommended to store glass fiber products in original packaging in a cool dry area. The best conditions are at temperature between 15°C and 35°C and at a relative humidity between 35% and 85%. The ME 1975 roving if stored under conditions stated above can be used up to 2 years from the date of manufacture. However it is recommended to retest before use after 1 year of storage. If storage temperature is less than 15°C it is recommended that rovings be transferred to the workshop at least 24 hours before intended processing, in order to prevent condensation. The packaging system is designed to allow short term stacking of two pallets. When stacking two high, care should be taken to correctly and smoothly place the top pallet. Do not triple stack. It is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

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