

ME 1960 – MULTI-END ROVING FOR SMC



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

- Excellent process-ability such as easy unwinding and chopping, flat lay-down & uniform dispersion with low fuzz and static.
- Excellent wet-through and impregnation
- White color in finished part
- Good mechanical properties
- Good flow in mold



APPLICATIONS

Designed for the manufacture of Sheet Molding Compound used in general purpose and transportation applications such as sanitary products, heavy truck/bus/train interior and exterior parts

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

Linear weight of roving (TEX) (g/km)	Loss on Ignition (%)	Moisture (%)
ISO 1889 : 2009	ISO 1887:2014	ISO 3344 : 1997
2400	1.30%	< 0.20%



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PRODUCT AVAILABILITY (STANDARD REFERENCE)

Manufacturing region	Product	Doff characteristics		
		Diameter External mm	Height mm	Average weight (kg)
Europe	ME 1960	290	260	20

PACKAGING (STANDARD REFERENCE)

Each ME 1960 doff is protected by a thermo formed wrap and identified by an individual label. Please do not remove wrap 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 20-22 pallets.

Manufacturing region	Tex (grams/Km)	Doff Ø (mm)	Pallet L × W × h (feet)	Layers / pallet	Doff/ layers	Total # of doffs	Creel Pak run-out # of ends	Pallet Weight*9kg
Europe	2400/4800	290	90 × 120 × 122 120 × 120 × 122	4	12	48	1 – 16	1000
					16	64		1220

(*) 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 1960 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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