



ME1960

VERSATILITY FOR EFFICIENCY AND AESTHETICS

ME1960 multi-end roving represents a versatile solution for a large-surface of SMC (Sheet Molding Compound) components that require a combination of efficient processing, high mechanical, and aesthetic properties.

- Produced with patented Advantex® corrosion resistant E-CR glass by Owens Corning.
- Compatible with polyester and vinyl ester resin systems as well as some polyurethane resins.

FOR LARGE-SURFACE SMC COMPONENTS

Product Benefits

Efficient Processability

- Easy unwinding and chopping, flat lay-down, and uniform dispersion with low fuzz and static for large and/or semi-structural part molding.

Enhanced Performance

- Better wet-out allows higher glass loading (up to 65% according to a 2016 single customer data source) due to excellent wet-through and impregnation. This can be leveraged to further enhance the mechanical strength and stiffness of the composite part in complex structures.

Ideal Color (white) for Pigmented Parts

- Desirable product flow within mold at low shrinkage delivers a resin-rich white-color surface aspect with low-porosity which facilitates good pigmentation or painting of finished parts.

Enhanced Service Life

- Advantex® glass helps fight corrosion, enhancing service life compared to standard E-glass.

Applications

ME1960 product is designed for the manufacture of large transportation components such as cab door skins for heavy-duty trucks, buses, and trains as well as home fixtures and other semi-structural general-purpose products requiring high modulus, strength, and aesthetics.



Technical Characteristics (Nominal Values)

LINEAR WEIGHT OF ROVING (TEX)	YIELDS (YDS/LB)	LOSS ON IGNITION (%) ISO 1887:2014
2400	207	1.30
4800	110	1.30

Availability & Packaging (Standard Reference)

Other Tex may be available upon request. Please consult with your Owens Corning representative.

MANUFACTURING REGION	PRODUCT/DOFF DESCRIPTION	EXTERNAL Ø (IN)	HEIGHT (IN)	NET WEIGHT (LB)
Europe	ME1960 2400 Tex	290	260	20

Each doff is protected by Tack-Pak™ packaging. Please do not remove film during use. Creel-Pak™ packaging is available upon request.

MANUFACTURING REGION	PRODUCT	DOFF Ø (IN)	PALLET DIM. LxWxH (IN & CM)	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS	PALLET NET WEIGHT (LB)
Europe	ME1960 2400 Tex	290	90 x 120 x 122	4	12	1 to 16	1,000
	ME1960 4800 Tex		120 x 120 x 122	4	16		1,220

Labeling

Each doff has a self-adhesive identification label, showing the product reference and the production date. Each pallet has at least one identification label detailing the product reference, pallet net and gross weights, production date, and pallet production code. 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. It is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

Storage

It is recommended to store glass fiber products in a cool, dry area. The glass fiber products must remain in their original packaging material until the point of usage; the product should be stored in the workshop, within its original packaging, 48 hours prior to its utilization, to allow it to reach the workshop temperature condition and prevent condensation, especially during cold season. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. When stored properly, there is no known shelf life to the product, but retesting is advised after two years from the initial production date to insure optimum performance.



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