

ME4040 MULTI-END ROVING

Optimal clear panel translucency



ME4040, a multi-end choppable roving, represents a compelling solution for the manufacture of translucent panels and preforms where high translucency and fast wet-out are most important.

✔ Produced with patented Advantex® corrosion resistant E-CR glass.

✔ Compatible with unsaturated polyester resins.

FOR PANEL AND PREFORM APPLICATIONS

Product Benefits



Excellent Processability

- Designed for excellent processing at various line speeds, ME4040 features easy unwinding and chopping, flat lay-down, and uniform dispersion with low fuzz and static.
- With high impregnation and wet-through characteristics, the product allows excellent resin flow in translucent applications.



Impressive Aesthetics

- Excellent fiber distribution provides a homogeneous surface aspect with limited fiber prints, resulting in consistent thickness throughout the laminate.
- Absence of white fibers and fiber springback along with significant reduction of air entrapment insures excellent translucency of laminates.



Enhanced Service Life

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

Application

ME4040 is designed to provide optimal translucency for the manufacture of translucent panels and complex preform panels.



Technical Characteristics

LINEAR WEIGHT OF ROVING (TEX)	LOSS ON IGNITION (%)	MOISTURE (%)
3200	0.55	0.1

Availability & Packaging

Each pallet can be packaged in bulk or Creel-Pak® packaging format. Pallets are stretch wrapped for load stability and for protection during transport. All individual packages are wrapped with Tack-Pak® packaging to aid package run-out and transfer. More information is available in the Customer Acceptance Standards.

MANUFACTURING REGION	PRODUCT	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS	PALLET NET WEIGHT (KG/LB)
South America	ME4040 3200	4	12	12	960
	ME4040 3200	4	16	16	1280

Labeling

Each doff has a self-adhesive identification label showing the product description, net weight, and production date. Each pallet has at least two identification labels detailing the product reference, pallet net and gross weights, production date, and pallet production code.

Storage

Unless otherwise specified, it is recommended that glass fiber products be stored in a cool, dry area. Recommended long-term storage conditions are temperatures between 10°C and 35°C and relative humidity between 35% and 85%. While temporary deviations may occur during storage or transportation, product performance can be confirmed through routine verification testing if exposure outside these conditions has occurred for an extended period. Glass fiber products should remain in their original packaging until the point of use. To help prevent condensation, keep product in its original, unopened packaging and allow it to naturally acclimate to the workshop temperature for at least 24 hours before opening or use. Packaging is not waterproof and should be protected from weather and other sources of moisture. Although fluctuations may occur during transportation, handling, and temporary storage, products should be maintained within the recommended storage ranges after receipt to help preserve product performance. A defined shelf life has not been established for the product when stored under recommended conditions. However, retesting is recommended after two years from the date of manufacture to help ensure optimum performance.

MAKE
MORE
POSSIBLE™

US & Canada
2790 Columbus Road
Building 70
Granville, Ohio, USA 43023
+1 866 2GET GLAS

Mexico
Coaxamalucan 502
Tetla De La Solidaridad
Tlaxcala, 90434, Mexico
+52 241 131 6201

South America
Av. Brasil, 2567
Rio Claro/SP, Brasil
13500-600
0800 707 3312

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