ME4040
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 by Owens Corning.
- 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.

Applications

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

Technical Characteristics

LINEAR WEIGHT (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

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.