



LUXESTRAND™ ROVING PERFORMANCE AND QUALITY

LuxeStrand™ is a multi-end roving specifically designed to reduce blistering and product defects while increasing performance through improved wet-out and great processability. With LuxeStrand™ roving our aim is prove that our customers should never have to sacrifice performance for quality.

- LuxeStrand™ is a multi-end roving for SMC and is manufactured from a collection of continuous glass fiber bundles which are gathered, without mechanical twist, into a single roving strand and wound into a doff.
- Produced with Owens Corning® patented Advantex® corrosion resistant E-CR glass.
- Proprietary sizing containing a Silane coupling agent.
- Compatible with multi-resin systems: polyester, vinyl-ester and polyurethane.

Product Benefits

Excellent part surface finish with proven blister reduction

- Improved surface aesthetics -- customer trials have shown blister reduction and part defect reductions when compared to other products.
- Multifunctional pigmentable solution designed for use with Low Shrink (LS) and Low Profile (LP) formulations.

Efficient processability

Outstanding resin impregnation and wet-out characteristics enable a 70%-75% higher glass loading, reducing resin consumption and glass changeovers, while possibly increasing line speed.

Great mechanical performance

The product is a multi-functional solution in that its proprietary sizing helps the final part with excellent mechanical properties.

Enhanced Service Life

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

Application



LuxeStrand™ roving is designed to provide optimal performance in Sheet Molding Compound (SMC) general applications - ideal for the tub and bath market. LuxeStrand™ roving can also be used in other SMC applications such as general-purpose end use products.

Availability

MANUFACTURING REGION	PRODUCT/DOFF DESCRIPTION	EXTERNAL Ø (MM)	HEIGHT (MM)	NET WEIGHT (KG)
North America/Asia	4500 Tex	350	265	29.6
North America	4800 Tex	350	265	32.6

Technical Characteristics
(Nominal Values)

LINEAR WEIGHT OF ROVING (TEX)	YIELD	LOSS ON IGNITION (%) ISO 1887:1995
4500	110	1.20
4800	103	1.20

Packaging and Labeling

Each bobbin is protected by a plastic film (Tack-pak™). Please do not remove film during use. Creel-Pack™ packaging is available upon request.

Each bobbin 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.

MANUFACTURING REGION	PRODUCT/DOFF DESCRIPTION	DOFF Ø (CM)	PALLET DIM LxWxH (CM)	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS	PALLET NET WEIGHT (KG)
North America/Asia	4500 Tex	35	142x114x122	4	12	12	1517
North America	4800 Tex	35	142x114x122	4	12	12	1517

Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Ideal conditions are at a temperature between 70°C and 35°C and a relative humidity between 35% and 85%. The glass fiber products must remain in their original packaging material until the point of usage. If the storage temperature is below 75°C, it is recommended that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to help prevent condensation. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. When stored properly, the product can be used up to 2 years from the date of manufacture, and retesting is advised after 1 year from the initial production date to insure optimum performance.

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