R63S
FAST IMPREGNATION SPEED

R63S multi-end roving is specially designed to reinforce thermoset materials used in sheet molding compound (SMC), advanced molding compound (AMC), and continuous impregnated compound (CIC) processes.

- Produced with Advantex® corrosion resistant E-CR glass by Owens Corning.
- Compatible with polyester and phenolic resin systems.

Product Benefits

Excellent Processing
- Proprietary sizing enables optimal processability in both SMC and AMC processes with: low static and fuzz, easy chopping without long fiber cuts, and excellent runnability with smooth unwinding.

Desirable Mechanical Properties
- Optimal adherence to the resin matrix (unsaturated polyester and phenolic), along with excellent wetting characteristics, provides enhanced mechanical properties in semi-structural applications.

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

Applications

R63S can be used for semi-structural parts in automotive and heavy truck industries.

Technical Characteristics
(Nominal Values)

LINEAR WEIGHT (TEX) ISO 1889	LOSS ON IGNITION (%) ISO 1887	MOISTURE CONTENT (%) ISO 3344
4800	0.70	≤ 0.10

Availability & Packaging

Limited worldwide availability, on request.

MANUFACTURING REGION	DESCRIPTION	NOMINAL DOFF DIAMETER (MM)	NOMINAL DOFF WEIGHT (KG)	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS
Latin America	R63S 4800	287	21.7	3	12	6

2400 Tex and other packaging options are available (e.g., Creel Pack™, bulk pack). Please contact your Owens Corning representative.

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 ensure optimum performance.

Americas

Owens Corning Composite Materials, LLC.
One Owens Corning Parkway
Toledo, Ohio, USA 43659
1-800-GET-PINK®

Europe

European Owens Corning Fiberglas Sprl.
166 Chaussée de la Hulpe
B-1170 Brussels
Belgium
+32 3 674 8211

Asia Pacific

Owens Corning Shanghai Regional Headquarters
40/F, Pudong Kerry Parkside,
115 Fang Dian Road, Pudong,
Shanghai, 201204, China
+86-21-6101 9666

https://www.owenscorning.com/composites | Composites@owenscorning.com