



R63SX3

Roving For Injection And Compression Molding Compounds

PRODUCT DESCRIPTION

R63SX3 Roving is a collection of continuous glass strands gathered without mechanical twist and wound into a cylindrical package. The strands are bonded together with a medium soluble polyester-compatible silane (R63S) size.

R63SX3 Roving is produced using Advantex® glass fiber. Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glasses with the acid corrosion resistance of E-CR glass.



PRODUCT APPLICATION

R63SX3 is designed for use as a reinforcement for thermoset injection and compression molding compounds and gives good run-out and chopping performance together with particularly good mechanical and surface properties in finished moldings.

TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

LINEAR WEIGHT (TEX)	LOSS ON IGNITION (%)	MOISTURE (%)
ISO 1889 : 1997	ISO 1887 : 1995	ISO 3344 : 1997
4830	0.70	0.18

VISUAL CHARACTERISTICS OR POSSIBLE DEFECTS

The roving shall be firmly and evenly wound with uniform lay, equal traverse length and straight package build. A package that has (inside the build or on its surface) visible grease, oil, dirt or other foreign matter, 3 mm or less in diameter is rejectable if the total number of defects exceeds three. A package is also rejectable if it contains one of such defects greater than 3 mm in diameter.

R63SX3

Roving For Injection And Compression Molding Compounds

PRODUCT AVAILABILITY

Dimensions and weight of the ball				
Height (mm)	Internal diameter (mm)	External diameter (mm)	Minimum weight (kg)	Approx. nominal weight (kg)
254 +/- 10	76 +/- 2	285 to 290	15	20.5

PACKAGING

The balls are wrapped in plastic film (Tack-pak®) and palletised at 36 rovings per pallet using 3 layers of 12 rovings linked in a Creel-Pak® configuration enabling 6 ends to be run simultaneously. Pallets are wrapped with plastic film for external protection with a plastic film. Other packaging types can be considered under consultation.

Each pallet should contain an identification label mentioning:

- the nomenclature of the product
- the weight
- the production date

STORAGE

R63SX3 roving using Advantex® should be stored dry, in its original packaging. The best conditions are temperature between 15 and 35°C and at a relative humidity between 35 and 85%.

If the product is stored at low temperature (below 15°C) it is advisable to condition it in the workshop, for at least 24 hours before use, to prevent condensation.

Static stacking of the pallets is possible one plus one (1/1), but it is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

This product must be used within 12 months of delivery.

Contact

MultiEndRovings.ocvamericas@owenscorning.com

MultiEndRovings.ocvemea@owenscorning.com

MultiEndRovings.ocvap@owenscorning.com



OCV™ Reinforcements

**OWENS CORNING
COMPOSITE MATERIALS, LLC**
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1.800.GET.PINK™
www.owenscorning.com
www.ocvreinforcements.com

**EUROPEAN OWENS CORNING
FIBERGLAS, SPRL.**
166, CHAUSSÉE DE LA HULPE
B-1170 BRUSSELS
BELGIUM
+32.2.674.82.11

**OWENS CORNING - OCV ASIA PACIFIC
SHANGHAI REGIONAL HEADQUARTERS**
2F OLIVE LVO. MANSION
620 HUA SHAN ROAD
SHANGHAI 200040
CHINA
+86.21.62489922

This information and data contained herein is offered solely as a guide in the selection of a reinforcement. The information contained in this publication is based on actual laboratory data and field test experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of its own commercial compounds when using this or any other reinforcement. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law safety code or insurance regulation.