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)

<table>
<thead>
<tr>
<th>LINEAR WEIGHT (TEX)</th>
<th>LOSS ON IGNITION (%)</th>
<th>MOISTURE (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4830</td>
<td>0.70</td>
<td>0.18</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Dimensions and weight of the ball</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height (mm)</td>
</tr>
<tr>
<td>254 +/- 10</td>
</tr>
</tbody>
</table>

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.