**Product description:**

StarRov® 485 direct roving is manufactured by direct winding of continuous glass fibers of defined diameter into a cylindrical roving package. The fibers are coated with a silane sizing most suitable for reinforcement of polypropylene and used in LFT and D-LFT fabrication processes.

StarRov® 485 direct rovings are easy to unwind due to even tension, and low fuzz generation. The wettability of StarRov® 485 is excellent which contributes to very good mechanical properties of polypropylene reinforced composite applications in the transportation and automotive segments.

**Resin compatibility:**

- Polypropylene

**Benefits:**

- Excellent opening of the bundles.
- Designed for LFT, D-LFT and TP-Pultrusion.
- Fast impregnation and superior wet-out.
- Excellent dry strength performance.
- Good processing and low fuzz.
- Minimal sizing rub-off at contact points.
- Low VOC (Volatiles, odor and C-emission).
- Excellent for weaving processes.
- Excellent mechanical properties in PP.

**Designation:** Glass type is E-Glass

<table>
<thead>
<tr>
<th>JM Designation</th>
<th>Region</th>
<th>LOI content (%)</th>
<th>Moisture content Max.(%)</th>
<th>Linear density Tex/Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>StarRov® LFT 485 AH 207</td>
<td>NA</td>
<td>0.5 - 0.7</td>
<td>0.15</td>
<td>2400/207</td>
</tr>
<tr>
<td>StarRov® LFT 485 AH 225</td>
<td>NA</td>
<td>0.5 - 0.7</td>
<td>0.15</td>
<td>2200/225</td>
</tr>
<tr>
<td>StarRov® LFT 485 DH 450</td>
<td>NA</td>
<td>0.5 - 0.7</td>
<td>0.15</td>
<td>1100/450</td>
</tr>
</tbody>
</table>
**Warranty disclaimer:**
The physical (or chemical) properties of Johns Manville products represent typical average values obtained in accordance with accepted test methods at the time of manufacture and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check the Johns Manville office to assure current information. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy or other product information, contact your local Sales Representative.

### Bobbin dimensions:

<table>
<thead>
<tr>
<th>Region</th>
<th>Typical weight (Lbs)</th>
<th>Inner diameter (inch)</th>
<th>Outer diameter (inch)</th>
<th>Height (inch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>39</td>
<td>6 1/4</td>
<td>11 1/4</td>
<td>12</td>
</tr>
</tbody>
</table>

### Packaging:

<table>
<thead>
<tr>
<th>Region</th>
<th>Packaging wrap</th>
<th>Pallet dimensions (inch)</th>
<th>Net weight per pallet (Lbs)</th>
<th>Bobbins per pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>Stretch wrap</td>
<td>48 x 48</td>
<td>2500</td>
<td>64</td>
</tr>
</tbody>
</table>

### Storage:

These products should be stored in original packaging in dry, roofed, dust free storehouses. The recommended temperature is between 10°C to 30°C (50°F to 86°F) at relative air humidity between 50% to 75%. The products should remain in the original packaging and be conditioned in the work area for a minimum of 24 hours prior to use. The pallets should be single stacked unless otherwise specified on the packaging unit.

### Values:

All data represent typical average values.

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**Values:**

All data represent typical average values.