High-performance for fast wet through and good density.

905A-AB is a reinforcement for Sheet Molding Compound (SMC), which offers improved processing over conventional products in vinyl ester resins and where fast wet through and good sheet density are required.

- Made from Advantex® glass.
- Compatible with polyester and vinyl ester resin systems.
- Manufactured from a collection of continuous glass filaments, gathered, without mechanical twists, into a split strand.

**Product Benefits**

**Excellent processability**
- Good impregnation and wet-through characteristics enable 10-65% glass loading, easy unwinding and chopping, flat lay-down & uniform dispersion with low fuzz and static.

**Great Mechanical Properties and Class A Auto Surface**
- Good product flow within mold, along with desirable wet-through characteristics allow lower sheet density and low sheet squeeze out, resulting in complex decorative contours, excellent mechanical properties, a Class A automotive surface and high stiffness in the final part.

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

**Applications**

905A-AB roving is designed for a wide variety of SMC applications, automotive and recreational structural applications and housings, as well as business equipment.
**Technical Characteristics (Nominal Values)**

<table>
<thead>
<tr>
<th>MANUFACTURING REGION</th>
<th>LINEAR WEIGHT OF ROVING (TEX) (KG/KM)</th>
<th>YIELDS (YDS/LB)</th>
<th>LOSS ON IGNITION (%) ISO 1887:2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>4500</td>
<td>110</td>
<td>1.73 nom</td>
</tr>
</tbody>
</table>

**Availability**

905A-AB is available in North America. Other Tex may be available upon request.

<table>
<thead>
<tr>
<th>MANUFACTURING REGION</th>
<th>PRODUCT/DOFF DESCRIPTION</th>
<th>EXTERNAL Ø (IN)</th>
<th>HEIGHT (IN)</th>
<th>NET WEIGHT (LB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>905A-AB 4500 Tex</td>
<td>14</td>
<td>10.3</td>
<td>67.5</td>
</tr>
</tbody>
</table>

**Packaging & Labeling (Standard Reference)**

Each bobbin is protected by a plastic film (Tack-Pak®). Please do not remove film during use. Creel-Pak® 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.

<table>
<thead>
<tr>
<th>MANUFACTURING REGION</th>
<th>PRODUCT/DOFF DESCRIPTION</th>
<th>DOFF Ø (IN)</th>
<th>PALLET DIM. LxWxH (IN)</th>
<th>LAYERS PER PALLET</th>
<th>DOFFS PER LAYER</th>
<th>NUMBER OF ENDS</th>
<th>PALLET NET WEIGHT (LB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America</td>
<td>905A-AB 4500 Tex</td>
<td>14</td>
<td>56 x 43 x 47</td>
<td>4</td>
<td>12</td>
<td>12</td>
<td>3,240</td>
</tr>
</tbody>
</table>

**Storage**

It is generally recommended to store glass fiber products in original packaging in a cool dry area, preferably 60°F-80°F with relative humidity between 35% and 75%. Under such conditions, the 905A-AB roving can be used up to 2 years from the date of manufacture. After 2 years, it is recommended to check product quality before use. The packaging system is designed to allow short term stacking of two pallets (maximum). 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.