**149PC**

### Acrylonitrile Styrene (AS/SAN)

**Description:**

149PC is a high flow grade of acrylonitrile styrene resin with slightly blue color and clarity appearance.

**Typical applications:**

**Injection Molding:** Packaging, Electrical appliances, Household products (sanitary ware)

<table>
<thead>
<tr>
<th>Physical Properties</th>
<th>Method</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melt Flow Index (200 °C/5 Kg)</td>
<td>ASTM D1238</td>
<td>g/10min.</td>
<td>5</td>
</tr>
<tr>
<td>Tensile Strength at Yield</td>
<td>ASTM D638</td>
<td>Kg/cm²</td>
<td>700</td>
</tr>
<tr>
<td>IZOD Notched Impact</td>
<td>ASTM D 256</td>
<td>Kg.cm/cm</td>
<td>3.0</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM D790</td>
<td>Kg/cm²</td>
<td>1100</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>ASTM D790</td>
<td>×10⁴ Kg/cm²</td>
<td>3.5</td>
</tr>
<tr>
<td>VICAT Softening Temperature</td>
<td>ASTM D1525</td>
<td>°C</td>
<td>105</td>
</tr>
</tbody>
</table>

### Processing Technique

**Drying Temperature:** 80-85°C, 2-3 hrs.

**Processing Temperature:** 210-260°C

**Remark:** The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitable of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.