Sicostirolo® CR H 3344
High Impact Polystyrene
Industrial Quality Compound

Description:
HIPS general purpose, available only black.

General

<table>
<thead>
<tr>
<th>Property</th>
<th>Standard</th>
<th>Value 1</th>
<th>Value 2</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFI (200°C/5kg)</td>
<td>ISO 1133</td>
<td>7</td>
<td></td>
<td>g/10min</td>
</tr>
<tr>
<td>Density</td>
<td>ISO 1183</td>
<td>1.05</td>
<td></td>
<td>g/cm³</td>
</tr>
<tr>
<td>Linear mould shrinkage</td>
<td>ASTM D955</td>
<td>0.4-0.7</td>
<td></td>
<td>%</td>
</tr>
</tbody>
</table>

Thermal

<table>
<thead>
<tr>
<th>Property</th>
<th>Standard</th>
<th>Value 1</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vicat softening point (ASO(10N))</td>
<td>ISO 306</td>
<td>92</td>
<td>°C</td>
</tr>
</tbody>
</table>

Mechanical

<table>
<thead>
<tr>
<th>Property</th>
<th>Standard</th>
<th>Value 1</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Izod notched impact strength (23°C)</td>
<td>ISO 180</td>
<td>6</td>
<td>kJ/m²</td>
</tr>
<tr>
<td>Tensile stress at yield</td>
<td>ISO 527</td>
<td>15</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile stress at break</td>
<td>ISO 527</td>
<td>12</td>
<td>MPa</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>ISO 527</td>
<td>10</td>
<td>%</td>
</tr>
<tr>
<td>Flex modulus</td>
<td>ISO 178</td>
<td>2200</td>
<td>MPa</td>
</tr>
</tbody>
</table>

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