**COPYLENE® CR020CL**
Random Copolymer

**Applications:**
- Extrusion Blow Molding
- Thermoforming

**Product Description**
- **COPYLENE® CR020CL** is a random copolymer formulated with advanced clarifier technology and with antistat. It is specially designed to excel in extrusion blow molding processes. EBM bottles will have exceptional gloss and low haze. It is made with non-phthalate technology.

**Product Properties**

<table>
<thead>
<tr>
<th></th>
<th>Typical Properties</th>
<th>Method</th>
<th>Value Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melt Flow Rate (230°C/2.16kg)</td>
<td></td>
<td>ASTM D 1238</td>
<td>2.0 g/10 min</td>
</tr>
<tr>
<td>Density – Specific Gravity</td>
<td></td>
<td>ASTM D 792</td>
<td>0.9 sp. gr</td>
</tr>
<tr>
<td><strong>Mechanical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tensile Strength @ Yield (2 in/min) (50 mm/min)</td>
<td></td>
<td>ASTM D 638</td>
<td>4,250 psi 29.3 MPa.</td>
</tr>
<tr>
<td>Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)</td>
<td></td>
<td>ASTM D 790</td>
<td>152,000 psi 1,048 MPa.</td>
</tr>
<tr>
<td>Tensile Elongation @Yld</td>
<td></td>
<td>ASTM D 638</td>
<td>13%</td>
</tr>
<tr>
<td><strong>Impact</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notched izod impact (73 °F, Method A) (23 °C, Method A)</td>
<td></td>
<td>ASTM D 256</td>
<td>3.5 ft-lb/in 187 J/m</td>
</tr>
<tr>
<td><strong>Thermal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DTUL @66psi – Unannealed</td>
<td></td>
<td>ASTM D 648</td>
<td>78 °C</td>
</tr>
<tr>
<td><strong>Optical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Haze, 40 mil plaque</td>
<td></td>
<td>ASTM D003</td>
<td>10%</td>
</tr>
</tbody>
</table>

For regulatory compliance information, see COPYLENE® CR020CL Product Stewardship Information Sheet. MSDS available upon request, or on our Web site at www.COPYLENE.com. The product specifications are nominal properties and do not reflect normal testing variance and should not be used for specification purposes.

Revision Date March 2020

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