CLS8150 CLR

Description
CLS8150 CLR is a transparent, self-bonding, two-component silicone rubber for use in liquid injection molding to produce high performance elastomeric parts. CLS8150 CLR is clear, but easily pigmentable. CLS8150 CLR offers a convenient 1:1 mix ratio, high tear strength, and rapid cure time depending upon part size, configurations and molding temperature.

Key Features and Benefits
- High clarity for excellent visibility
- Self-bonding
- Excellent tear strength
- Convenient 1:1 mix ratio for use with automatic equipment
- Rapid cure time depending upon part size, configuration and molding temperature

Typical Physical Properties

<table>
<thead>
<tr>
<th>Uncured Properties</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cure Rate (Monsato Rheometer MDR 2000 @ 177°C or 350°F; w/ Mylar Sheets)</td>
<td></td>
</tr>
<tr>
<td>Torque, maximum, in/lb</td>
<td>5.7</td>
</tr>
<tr>
<td>Peak Rate, in/lb/min</td>
<td>37.2</td>
</tr>
<tr>
<td>T-2, seconds</td>
<td>11.2</td>
</tr>
<tr>
<td>T-90, seconds</td>
<td>25.2</td>
</tr>
</tbody>
</table>
Cured Properties
ASTM slabs cures 15 min @ 177°C (350°)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.10</td>
</tr>
<tr>
<td>Hardness, Shore A durometer</td>
<td>52</td>
</tr>
<tr>
<td>Tensile Strength, psi</td>
<td>1,170</td>
</tr>
<tr>
<td>Elongation, %</td>
<td>515</td>
</tr>
<tr>
<td>Tear Die B, ppi</td>
<td>200</td>
</tr>
</tbody>
</table>

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