MATERIAL DESIGNATION: PC8010

Product Description: Polycarbonate (PC), “STAR PRIME”, Furnished as Pellets

<table>
<thead>
<tr>
<th>Color</th>
<th>Min Thk (mm)</th>
<th>Flame Class</th>
<th>HWI</th>
<th>HAI</th>
<th>RTI Elec</th>
<th>RTI IMP</th>
<th>RTI Str</th>
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</thead>
<tbody>
<tr>
<td>ALL</td>
<td>1.5</td>
<td>V-0</td>
<td>-</td>
<td>-</td>
<td>80</td>
<td>80</td>
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<tr>
<td></td>
<td>3.0</td>
<td>V-0</td>
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<td>-</td>
<td>80</td>
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</tbody>
</table>

Comparative Tracking Index (CTI): -

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): -

Volume Resistivity (10^6 ohm-cm): -

Dimensional Stability (%): -

High Volt, Low Current Arc Resis (D495): -

High-Voltage Arc Tracking Rate (HVTR): -

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliance, where the acceptability of the combination is determined by UL.

Last Revised: 2017-11-03
Access Date: 2017-12-14

IEC AND ISO TEST METHODS

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test Method</th>
<th>Units</th>
<th>Thickness Tested (mm)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>IEC 60695-11-10</td>
<td>Class (color)</td>
<td>1.5</td>
<td>V-0 (ALL)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>3.0</td>
<td>V-0 (ALL)</td>
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<td>Glow-Wire Flammability (GWFI)</td>
<td>IEC 60695-2-12</td>
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<tr>
<td>Glow-Wire Ignition (GWI)</td>
<td>IEC 60695-2-13</td>
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<td>IEC Comparative Tracking Index</td>
<td>IEC 60112</td>
<td>Volts (max)</td>
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<tr>
<td>IEC Ball Pressure</td>
<td>IEC 60695-10-2</td>
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<td>ISO Heat Deflection (1.80 MPa)</td>
<td>ISO 75-2</td>
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<td>ISO Tensile Strength</td>
<td>ISO 527-2</td>
<td>MPa</td>
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<td>ISO Flexural Strength</td>
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<td>ISO Tensile Impact</td>
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<td>ISO Izod Impact</td>
<td>ISO 180</td>
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<td>-</td>
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<tr>
<td>ISO Charpy Impact</td>
<td>ISO 179-2</td>
<td>kJ/m²</td>
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