

**TEIJIN LIMITED RESIN AND PLASTIC**

ENVIRONMENT QUALITY ASSURANCE DEPT., DIV 2, KASUMIGASEKI COMMON GATE, WEST TOWER, 2-1, KASUMIGASEKI 3-Chome, CHIYODA-KU TOKYO 100-8585 JP

**TN-3811(#)**

Poly carbonate (PC), modified, "Multilon", furnished as pellets

<table>
<thead>
<tr>
<th>Color</th>
<th>Min Thk (mm)</th>
<th>Flame Class</th>
<th>HWL</th>
<th>HAI</th>
<th>Elec</th>
<th>Imp</th>
<th>Str</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL</td>
<td>1.5</td>
<td>V-0</td>
<td>2</td>
<td>1</td>
<td>60</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>2.5</td>
<td>V-0, 5VB</td>
<td>2</td>
<td>1</td>
<td>60</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>3.0</td>
<td>V-0, 5VB</td>
<td>2</td>
<td>0</td>
<td>60</td>
<td>60</td>
<td>60</td>
</tr>
</tbody>
</table>

Comparative Tracking Index (CTI): 0
Delectric Strength (kV/mm): 9
High-Voltage Arc Tracking Rate (HVRT): 0
Dimensional Stability (%): 0.0

(##) - Suffix optional

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 appliances, where the acceptability of the combination is determined by UL.

Report Date: 1992-08-12
Last Revised: 2013-01-22

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## 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, IEC 60695-11-20</td>
<td>Class (color)</td>
<td>1.5</td>
<td>V-0 (ALL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2.5</td>
<td>V-0, 5VB (ALL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3.0</td>
<td>V-0, 5VB (ALL)</td>
</tr>
</tbody>
</table>

- Glow-Wire Flammability (GWFI)
- Glow-Wire Ignition (GWIT)
- IEC Comparative Tracking Index
- IEC Ball Pressure
- ISO Heat Deflection (1.80 MPa)
- ISO Tensile Strength
- ISO Flexural Strength
- ISO Tensile Impact
- ISO Izod Impact
- ISO Charpy Impact

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