

**CHEIL INDUSTRIES INC CHEMICALS DIV**

R &amp; D CENTER, 332-2 GOCHUN-DONG, EUIWANG-SHI KYONGGI-DO 437-010 KR

**SC-110(+)****Polycarbonate (PC), "INFINO", furnished as pellets**

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC	0.8	V-2	-	-	80	80	80
ALL	1.5	V-2	-	-	80	80	80
	2.0	V-2	-	-	80	80	80
	2.5	V-2	-	-	80	80	80
	3.0	V-2	-	-	80	80	80

Comparative Tracking Index (CTI): -

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): -

Volume Resistivity (10<sup>x</sup> ohm-cm) : -High-Voltage Arc Tracking Rate  
(HVTR): -

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

Dimensional Stability (%): -

**(+) - May be replaced by one, two, or three numbers and/or letter(s).**

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: 1998-08-24

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness Tested (mm)	Value
<b>Flammability</b>	<b>IEC 60695-11-10</b>	<b>Class (color)</b>	0.8	V-2 (NC)
			1.5	V-2 (ALL)
			2.0	V-2 (ALL)
			2.5	V-2 (ALL)
			3.0	V-2 (ALL)
<b>Glow-Wire Flammability (GWFI)</b>	<b>IEC 60695-2-12</b>	<b>C</b>	1.5	875
			2.0	875
			2.5	875
			3.0	925
<b>Glow-Wire Ignition (GWIT)</b>	<b>IEC 60695-2-13</b>	<b>C</b>	1.5	875
			2.0	900
			2.5	900
			3.0	900
<b>IEC Comparative Tracking Index</b>	<b>IEC 60112</b>	<b>Volts (Max)</b>	-	-
<b>IEC Ball Pressure</b>	<b>IEC 60695-10-2</b>	<b>C</b>	-	-
<b>ISO Heat Deflection (1.80 MPa)</b>	<b>ISO 75-2</b>	<b>C</b>	-	-
<b>ISO Tensile Strength</b>	<b>ISO 527-2</b>	<b>MPa</b>	-	-
<b>ISO Flexural Strength</b>	<b>ISO 178</b>	<b>MPa</b>	-	-
<b>ISO Tensile Impact</b>	<b>ISO 8256</b>	<b>kJ/m<sup>2</sup></b>	-	-
<b>ISO Izod Impact</b>	<b>ISO 180</b>	<b>kJ/m<sup>2</sup></b>	-	-
<b>ISO Charpy Impact</b>	<b>ISO 179-2</b>	<b>kJ/m<sup>2</sup></b>	-	-

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