

CHEIL INDUSTRIES INC CHEMICALS DIV

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

SC-106(+)**Polycarbonate (PC), "INFINO", furnished as pellets**

Color	Min Thk (mm)	Flame Class	Flame		RTI		RTI
			HWI	HAI	Elec	Imp	Str
ALL	1.6	V-2	-	-	80	80	80
	2.0	V-2	-	-	80	80	80
	2.6-2.8	HB	-	-	80	80	80
NC	3.2	HB	-	-	80	80	80

Comparative Tracking Index (CTI): -

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): -

Volume Resistivity (10^x 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

Last Revised: 2008-06-05

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness	
			Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.6	V-2 (ALL)
			2.0	V-2 (ALL)
			2.6-2.8	HB75 (ALL)
			3.2	HB40 (NC)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-

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