

CHI MEI CORPORATION

No 398 Sec 1 Zhongzheng Rd, Rende District, Tainan City 717010 TW

PC-6321

Polycarbonate (PC) "WONDERLITE", furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
ALL	1.5	V-0	1	1	80	80	80
	2.0	V-0	1	1	80	80	80
	2.5	V-0	1	1	80	80	80
	3.0	V-0	1	1	80	80	80

Comparative Tracking Index (CTI): 3

Inclined Plane Tracking (IPT) KV: -

Dielectric Strength (kV/mm): 26

Volume Resistivity (10^X ohm-cm): 16

High-Voltage Arc Tracking Rate (HVTR): 4

Surface Resistivity (10^X ohms/square): 16

Dimensional Change (%): -

High Volt, Low Current Arc Resis (D495): 5

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: 2021-08-20

Last Revised: 2021-08-19



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IEC and ISO Test Methods

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.5	V-0 (ALL)
			2.0	V-0 (ALL)
			2.5	V-0 (ALL)
			3.0	V-0 (ALL)
Glow-Wire Flammability (GWF)	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 179-1	kJ/m ²	-	-

