Component - Plastics **E56070**

CHI MEI CORPORATION

59-1 SAN CHIA, JEN TE, TAINAN HSIEN 717 TW

PC-110(+)

Polycarbonate (PC), "Wonderlite", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.5	V-2	2	4	125	105	125
	2.5-2.8	V-2	2	3	125	105	125
	3.0	HB	2	3	125	105	125

Comparative Tracking Index (CTI): **2**

High-Voltage Arc Tracking Rate (HVTR): **2**

Dielectric Strength (kV/mm): **-**

Dimensional Stability (%): **-**

High Volt, Low Current Arc Resis (D495): **6**

Volume Resistivity (10^x ohm-cm) : **-**

(+) - Optional prefix or suffix; may be used to denote usage of 0-0.5 percent acid scavengers.

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.

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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)	1.5	V-2 (ALL)
			2.5-2.8	V-2 (ALL)
			3.0	HB40 (ALL)
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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