

Component - Plastics

E56070

**CHI MEI CORPORATION**

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

**PC-510(+)**

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), "Wonderloy", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.5	V-0	4	0	60	60	60
	2.1	V-0, 5VB	4	0	60	60	60
	2.5	V-0, 5VB	4	0	60	60	60
	3.0	V-0, 5VA	3	0	60	60	60

Comparative Tracking Index (CTI): 0

High-Voltage Arc Tracking Rate (HVTR): 2

Dielectric Strength (kV/mm): -

Dimensional Stability (%): -

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

Volume Resistivity (10<sup>x</sup> 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, IEC 60695-11-20	Class (color)	1.5	V-0 (ALL)
			2.1	V-0, 5VB (ALL)
			2.5	V-0, 5VB (ALL)
			3.0	V-0, 5VA (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 <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-2	kJ/m <sup>2</sup>	-	-

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