

**CHI MEI CORPORATION**

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

**PC-3(\$\$)(+)**

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

	Min Thk	Flame			RTI	RTI	RTI
Color	(mm)	Class	HWI	HAI	Elec	Imp	Str
ALL	1.5	HB	4	0	60	60	60
	3.0	HB	4	0	60	60	60

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

Dimensional Stability (%): -

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

High Volt, Low Current Arc Resis (D495): **7**

Dielectric Strength (kV/mm): -

Volume Resistivity (10<sup>x</sup> ohm-cm) : -

**(\$\$) - Polycarbonate (PC) content, two digits from 45 to 85 to indicate polycarbonate content from 45% to 85%, except 45% and 85%.**

**(+) - 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.

Report Date: 2001-01-12

Last Revised: 2009-06-04

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## IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness	Value
			Tested (mm)	
Flammability	IEC 60695-11-10	Class (color)	1.5	HB75 (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 <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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