



# Component - Plastics

File Number: E56070

## CHI MEI CORPORATION

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



### Wonderloy: PC-3(\$\$)(+)

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), pellets

(\$\$) - 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. For PC-110(+), Optional the suffix except L, N, U, V, T, and F. For Grades PC-6015(+), PB-1202(+), Maybe none or replace by one alphabet to indicate the color.

Flammability	Value	Test Method
Flame Rating		
1.50 mm, ALL	HB	UL 94
3.00 mm, ALL	HB	UL 94
3.00 mm, ALL	HB40	IEC 60695-11-10, -20
1.50 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 4	
3.00 mm	PLC 4	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.50 mm	60.0 °C	
3.00 mm	60.0 °C	
RTI Imp		UL 746
1.50 mm	60.0 °C	
3.00 mm	60.0 °C	
RTI Str		UL 746
1.50 mm	60.0 °C	
3.00 mm	60.0 °C	

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