



Component - Plastics

File Number: E56070

CHI MEI CORPORATION

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



Wonderloy: PC-540

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

Flammability	Value	Test Method
Flame Rating		
0.750 mm, ALL	HB	UL 94
0.800 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
1.50 mm, ALL	V-0	UL 94 IEC 60695-11-10, -20
2.00 mm, ALL	V-0, 5VB	UL 94 IEC 60695-11-10, -20
3.00 mm, ALL	V-0, 5VB	UL 94 IEC 60695-11-10, -20
0.750 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.750 mm	PLC 3	
0.800 mm	PLC 3	
1.50 mm	PLC 3	
2.00 mm	PLC 3	
3.00 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
0.750 mm	PLC 3	
0.800 mm	PLC 3	
1.50 mm	PLC 3	
2.00 mm	PLC 3	
3.00 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 2	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.750 mm	60.0 °C	
0.800 mm	60.0 °C	
1.50 mm	70.0 °C	
2.00 mm	70.0 °C	
3.00 mm	75.0 °C	
RTI Imp		UL 746
0.750 mm	60.0 °C	
0.800 mm	60.0 °C	
1.50 mm	70.0 °C	
2.00 mm	70.0 °C	
3.00 mm	75.0 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
0.750 mm	60.0 °C	
0.800 mm	60.0 °C	
1.50 mm	70.0 °C	
2.00 mm	70.0 °C	
3.00 mm	75.0 °C	

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