



Component - Plastics

File Number: E56070

CHI MEI CORPORATION

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



Wonderlite: PC-110U(f1)

Polycarbonate (PC), pellets

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

Flammability	Value	Test Method
Flame Rating		
3.00 mm, ALL	HB	UL 94
0.750 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
1.50 to 1.70 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
3.00 mm, ALL	HB40	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.750 mm	PLC 4	
1.50 to 1.70 mm	PLC 2	
3.00 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
0.750 mm	PLC 1	
1.50 to 1.70 mm	PLC 4	
3.00 mm	PLC 3	
Comparative Tracking Index (CTI)	PLC 2	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.750 mm	125 °C	
1.50 to 1.70 mm	125 °C	
3.00 mm	125 °C	
RTI Imp		UL 746
0.750 mm	105 °C	
1.50 to 1.70 mm	105 °C	
3.00 mm	105 °C	
RTI Str		UL 746
0.750 mm	125 °C	
1.50 to 1.70 mm	125 °C	
3.00 mm	125 °C	
Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C

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