



Component - Plastics

File Number: E56070

CHI MEI CORPORATION

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



Wonderlite: PC-110L(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
1.50 to 1.70 mm, ALL	V-2	UL 94
3.00 mm, ALL	HB40	IEC 60695-11-10, -20
		IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 to 1.70 mm	PLC 3	
3.00 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
1.50 to 1.70 mm	PLC 1	
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
1.50 to 1.70 mm	125 °C	
3.00 mm	125 °C	
RTI Imp		UL 746
1.50 to 1.70 mm	105 °C	
3.00 mm	105 °C	
RTI Str		UL 746
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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