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 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
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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Report Date: 9/25/2001
Last Revised: 6/4/2009

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