Component - Plastics

File Number: E56070

CHI MEI CORPORATION

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

Wonderlite: PC-115(+)

Polycarbonate (PC), pellets

(+) - 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		
3.00 mm, ALL	HB	UL 94
0.400 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
1.50 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
2.50 to 2.80 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
0.400 mm	PLC 4	
1.50 mm	PLC 2	
2.50 to 2.80 mm	PLC 2	
3.00 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
0.400 mm	PLC 4	
1.50 mm	PLC 4	
2.50 to 2.80 mm	PLC 3	
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
0.400 mm	80.0 °C	
1.50 mm	120 °C	
2.50 to 2.80 mm	120 °C	
3.00 mm	120 °C	
RTI Imp		UL 746
0.400 mm	80.0 °C	
1.50 mm	105 °C	
2.50 to 2.80 mm	105 °C	
3.00 mm	105 °C	
RTI Str		UL 746
0.400 mm	80.0 °C	
1.50 mm	120 °C	
2.50 to 2.80 mm	120 °C	
3.00 mm	120 °C	

Form Number: E56070-100239157

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