



# Component - Plastics

File Number: E56070

CHI MEI CORPORATION

59-1 SAN CHIA

JEN TE

TAINAN, 717 Taiwan



## WONDERLITE: PC-6710(f1)(a)

Polycarbonate (PC), pellets

(a) - Ball pressure temperature is in accordance with IEC 60695-10-2 Method B.

(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 (3.0 mm, ALL)	V-0	UL 94 IEC 60695-11-10, -20
Glow Wire Flammability Index (3.0 mm)	960 °C	IEC 60695-2-12
Glow Wire Ignition Temperature (3.0 mm)	875 °C	IEC 60695-2-13
Electrical	Value	Test Method
Hot-wire Ignition (HWI) (3.0 mm)	PLC 3	UL 746A
High Amp Arc Ignition (HAI) (3.0 mm)	PLC 1	UL 746A
Comparative Tracking Index (CTI)	PLC 2	UL 746A
Dielectric Strength	30 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746A
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec (3.0 mm)	130 °C	UL 746B
RTI Imp (3.0 mm)	120 °C	UL 746B
RTI Str (3.0 mm)	130 °C	UL 746B
Ball Pressure Test (135°C)	Pass	IEC 60695-10-2
Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042 ISO 2796
Outdoor Suitability	f1	UL 746C