



Model PC-115(+)
File Number: E56070



COMPANY

CHI MEI CORPORATION

No 398 Sec 1 Zhongzheng Rd
Rende District
Tainan City, 717010 Taiwan

MODEL INFO

PC-115(+)
Polycarbonate (PC) "WONDERLITE", furnished as pellets
(+) – Indicate 0~0.5% acid scavengers.

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
0.4 mm, Color: ALL	V-2	
1.5 mm, Color: ALL	V-2	
2.5 to 2.8 mm, Color: ALL	V-2	
3.0 mm, Color: ALL	HB	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
0.4 mm, Color: ALL	V-2	
1.5 mm, Color: ALL	V-2	
2.5 to 2.8 mm, Color: ALL	V-2	
3.0 mm, Color: ALL	HB40	
ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
0.4 mm	PLC 4	

1.5 mm	PLC 2	
2.5 to 2.8 mm	PLC 2	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
0.4 mm	PLC 4	
1.5 mm	PLC 4	
2.5 to 2.8 mm	PLC 3	
3.0 mm	PLC 3	
Comparative Tracking Index (CTI)	PLC 2	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 2	
High Voltage, Low Current Arc Resistance	PLC 6	

THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
0.4 mm	80 °C	
1.5 mm	120 °C	
2.5 to 2.8 mm	120 °C	
3.0 mm	120 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.4 mm	80 °C	
1.5 mm	105 °C	
2.5 to 2.8 mm	105 °C	
3.0 mm	105 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
0.4 mm	80 °C	
1.5 mm	120 °C	
2.5 to 2.8 mm	120 °C	
3.0 mm	120 °C	

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