

Model PC-115U(f1)

File Number: E56070



COMPANY

CHI MEI CORPORATION

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

MODEL INFO

PC-115U(f1)
Polycarbonate (PC) "WONDERLITE", furnished as pellets
(f1) – Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
0.75 mm, Color: ALL	V-2	
1.5 to 1.7 mm, Color: ALL	V-2	
3.0 mm, Color: ALL	HB	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
0.75 mm, Color: ALL	V-2	
1.5 to 1.7 mm, Color: ALL	V-2	
3.0 mm, Color: ALL	HB40	
ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
0.75 mm	PLC 4	
1.5 to 1.7 mm	PLC 2	
3.0 mm	PLC 2	

High Amp Arc Ignition (HAI)		UL 746A	
0.75 mm	PLC 4		
1.5 to 1.7 mm	PLC 4		
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
0.75 mm	120 °C		
1.5 to 1.7 mm	120 °C		
3.0 mm	120 °C		
Relative Thermal Index - Mechanical Impact			UL 746B
0.75 mm	105 °C		
1.5 to 1.7 mm	105 °C		
3.0 mm	105 °C		
Relative Thermal Index - Mechanical Strength			UL 746B
0.75 mm	120 °C		
1.5 to 1.7 mm	120 °C		
3.0 mm	120 °C		
PHYSICAL PROPERTIES		VALUE	TEST METHOD
UV Exposure & Water Immersion		f1	UL 746C

Report Date: 2001-09-

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