



Model PC-108U(f1)
File Number: E56070



COMPANY

CHI MEI CORPORATION

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

MODEL INFO

PC-108U(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 to 0.83 mm, Color: ALL	V-2	
1.5 mm, Color: ALL	HB	
3.0 mm, Color: ALL	HB	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
0.75 to 0.83 mm, Color: ALL	V-2	
1.5 mm, Color: ALL	HB75	
3.0 mm, Color: ALL	HB40	
ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A

1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 3	
High Voltage, Low Current Arc Resistance	PLC 6	
THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
0.75 to 0.83 mm	80 °C	
1.5 mm	80 °C	
3.0 mm	80 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.75 to 0.83 mm	80 °C	
1.5 mm	80 °C	
3.0 mm	80 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
0.75 to 0.83 mm	80 °C	
1.5 mm	80 °C	
3.0 mm	80 °C	
PHYSICAL PROPERTIES	VALUE	TEST METHOD
UV Exposure & Water Immersion	f1	UL 746C

Report Date: 2001-09-25

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2024 UL LLC."