

Model PC-6710(f1)(a)

File Number: E56070



COMPANY

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

MODEL INFO

PC-6710(f1)(a)
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.
(a) – Ball pressure temperature is in accordance with IEC 60695-10-2 Method B.

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability (3.0 mm, Color: ALL)	V-0	ANSI/UL 94
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability (3.0 mm, Color: ALL)	V-0	IEC 60695-11-10
Glow Wire Ignition Temperature (GWIT) (3.0 mm)	875 °C	IEC 60695-2-13
Glow Wire Flammability Index (GWFI) (3.0 mm)	960 °C	IEC 60695-2-12
ELECTRICAL PROPERTIES	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	
Volume Resistivity	1.0E+14 ohms-cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 6	
THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength (3.0 mm)	130 °C	UL 746B
Relative Thermal Index - Mechanical Impact (3.0 mm)	120 °C	UL 746B
Relative Thermal Index - Mechanical Strength (3.0 mm)	130 °C	UL 746B
Ball Pressure Temperature	135 °C	
PHYSICAL PROPERTIES	VALUE	TEST METHOD
Dimensional Change	0.0 %	ASTM D1042/ISO 2796
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."