



Model PC-860(f1)

File Number: E56070



COMPANY

CHI MEI CORPORATION

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

MODEL INFO

PC-860(f1)
Polycarbonate/Acrylonitrile Styrene Acrylate (PC/ASA) "WONDERLOY", furnished as pellets
(f1) – Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

This product has not been received for testing as part of UL Follow-Up Services in the past four years and cannot currently be distributed as a UL Certified product.
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FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
1.5 mm, Color: ALL	HB	
3.0 mm, Color: ALL	HB	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
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 4	
3.0 mm	PLC 3	

High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 2	
3.0 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 3	UL 746A
Dielectric Strength	30 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 4	
Volume Resistivity	1.0E+12 ohms-cm	ASTM D257/IEC 60093
Surface Resistivity	1.0E+12 ohms/square	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 5	
THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
1.5 mm	50 °C	
3.0 mm	50 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
1.5 mm	50 °C	
3.0 mm	50 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
1.5 mm	50 °C	
3.0 mm	50 °C	
PHYSICAL PROPERTIES	VALUE	TEST METHOD
UV Exposure & Water Immersion	f1	UL 746C

Report Date: 2020-04-09

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