Component - Plastics

E56070

Guide Information

View Certificate of Compliance

CHI MEI CORPORATION

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

PC-860(f1)

Polycarbonate/Acrylonitrile Styrene Acrylate (PC/ASA) "WONDERLOY", furnished as pellets

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 click here to learn more

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
ALL	1.5	HB	4	2	50	50	50
	3.0	HB	3	2	50	50	50

Comparative Tracking Index (CTI): 3

Dielectric Strength (kV/mm): 30

High-Voltage Arc Tracking Rate (HVTR): 4

Dimensional Change (%): -

Inclined Plane Tracking (IPT) kV: -

Volume Resistivity (10^x ohm-cm): 12

Surface Resistivity (10^x ohms/square): 12

High Volt, Low Current Arc Resis (D495): 5

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 2020-04-09

Last Revised: 2022-05-04

ALSO CERTIFIED TO IEC REQUIREMENTS

IEC and ISO Test Methods

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.5	HB, HB75 (ALL)
			3.0	HB, HB40 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m^2	-	-
ISO Izod Impact	ISO 180	kJ/m^2	-	-
ISO Charpy Impact	ISO 179-1	kJ/m^2	-	-