iq.ul.com
PROSPECTOR®

CLICK TO CONTINUE

View additional material information including performance and

The information presented on the UL Prospector datasheet was acquired by UL Prospector from the producer of the material. UL Prospector makes substantial efforts to assure the accuracy of this data. However, UL Prospector assumes no responsibility for the data values and strongly encourages that upon final material selection, data points are validated with the material supplier.

processing data

Component - Plastics

Guide Information

CHI MEI CORPORATION

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

PM-500X(%)

Methylmethacrylate/Styrene (MMA/S) "ACRYPOLY", furnished as sheets

Color	<u>Min. Thk</u> <u>(mm)</u>	<u>Flame</u> Class	<u>HWI</u>	HAI	<u>RTI</u> Elec	<u>RTI</u> <u>lmp</u>	RTI Str
NC	1.5	HB	4	0	50	50	50
	3.0	HB	3	0	50	50	50

Comparative Tracking Index (CTI): 0

Dimensional Stability (%): -

Dielectric Strength (kV/mm): - Volume Resistivity (10^x ohm-cm): -

High-Voltage Arc Tracking Rate (HVTR): 0

Surface Resistivity (10^x ohms/square): -High Volt, Low Current Arc Resis (D495): 5

Inclined Plane Tracking (IPT) kV: -

(%) - May be replaced by one alphanumeric to indicate the microstructure of finished parts.

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: 2013-07-10 Last Revised: 2018-09-04

© 2020 UL LLC



IEC and ISO Test Methods					
Test Name	Test Method	Units	Thk (mm)	Value	
Flammability	IEC 60695-11-10	Class (color)	1.5	HB, HB75 (NC)	
			3.0	HB, HB40 (NC)	
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)	-	-	
EC Ball Pressure	IEC 60695-10-2	°C	-	-	
SO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-	
SO 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	-	-	