



VH(f1), VHM(f1), VHS(f1), VH(ww)(f1)

File Number: E54695

Yellow Card® 

COMPANY

MITSUBISHI CHEMICAL CORPORATION

PMMA General Technology Dept.
1-1-1 MARUNOUCHI
CHIYODA-KU, TOKYO 100-8251 Japan

MODEL INFO

Shinkolite-P, ACRYPET: VH(f1), VHM(f1), VHS(f1), VH(ww)(f1)

Polymethyl Methacrylate (PMMA), furnished as pellets
ww – With or without a digit 0-3,5,7-9 incl.
(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
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

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1.5 mm	PLC 0	
3.0 mm	PLC 0	
THERMAL PROPERTIES		VALUE
Relative Thermal Index - Electrical Strength		TEST METHOD
		UL 746B
1.5 mm	90 °C	
3.0 mm	90 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
1.5 mm	90 °C	
3.0 mm	90 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
1.5 mm	90 °C	
3.0 mm	90 °C	
PHYSICAL PROPERTIES		VALUE
UV Exposure & Water Immersion		TEST METHOD
		f1
		UL 746C

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