

# Model CM-205 (X)(f1)

File Number: E194560

Yellow Card™



## COMPANY

### ZHEN JIANG CHI MEI CHEMICAL CO LTD

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## MODEL INFO

### "ACRYREX" for pellets or "ACRYPOLY" for sheets: CM-205 (X)(f1)

Polymethyl Methacrylate (PMMA), furnished as pellets or sheets

(X) – Optional suffix except suffix "B"; may be used to denote usage of different quantities of lubricant.

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

FLAMMABILITY PROPERTIES	额定值	测试方法
Flammability		ANSI/UL 94
1.5 mm, Color: ALL	HB	
3.0 mm, Color: ALL	HB	
8.0 mm, Color: NC	HB	
ISO/IEC FLAMMABILITY PROPERTIES	额定值	测试方法
Flammability		IEC 60695-11-10
1.5 mm, Color: ALL	HB75	
3.0 mm, Color: ALL	HB40	
8.0 mm, Color: NC	HB40	
ELECTRICAL PROPERTIES	额定值	测试方法
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 4	
3.0 mm	PLC 4	
8.0 mm	PLC 1	

<b>High Amp Arc Ignition (HAI)</b>		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 2	
8.0 mm	PLC 2	
<b>Comparative Tracking Index (CTI)</b>	PLC 1	UL 746A
<b>High Voltage Arc Tracking Rate (HVTR)</b>	PLC 0	
<b>High Voltage, Low Current Arc Resistance</b>	PLC 6	
<b>THERMAL PROPERTIES</b>	<b>额定值</b>	<b>测试方法</b>
<b>Relative Thermal Index - Electrical Strength</b>		UL 746B
1.5 mm	95 °C	
3.0 mm	95 °C	
8.0 mm	95 °C	
<b>Relative Thermal Index - Mechanical Impact</b>		UL 746B
1.5 mm	95 °C	
3.0 mm	95 °C	
8.0 mm	95 °C	
<b>Relative Thermal Index - Mechanical Strength</b>		UL 746B
1.5 mm	95 °C	
3.0 mm	95 °C	
8.0 mm	95 °C	
<b>PHYSICAL PROPERTIES</b>	<b>额定值</b>	<b>测试方法</b>
<b>UV Exposure &amp; Water Immersion</b>	f1	UL 746C

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