Component - Plastics

File Number: E56070

CHI MEI CORPORATION
59-1 SAN CHIA, JEN TE, TAINAN 717 TW

"Acryrex" for pellets or "Acrypoly" for sheets: CM-205 (X)(f1)

Polymethyl Methacrylate (PMMA), pellets or sheets

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

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

Flammability	Value	Test Method
Flame Rating		
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
8.0 mm, NC	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
8.0 mm, NC	HB40	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	**Value**	**Test Method**
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 4	
3.0 mm	PLC 4	
8.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 0	
3.0 mm	PLC 2	
8.0 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 1	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Arc Resistance	PLC 6	ASTM D495
Thermal	**Value**	**Test Method**
RTI Elec		UL 746
1.5 mm	95.0 °C	
3.0 mm	95.0 °C	
8.0 mm	95.0 °C	
RTI Imp		UL 746
1.5 mm	95.0 °C	
3.0 mm	95.0 °C	
8.0 mm	95.0 °C	
RTI Str		UL 746
1.5 mm	95.0 °C	
3.0 mm	95.0 °C	
8.0 mm	95.0 °C	
Physical	**Value**	**Test Method**
Outdoor Suitability	f1	UL 746C

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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.