



Component - Plastics

File Number: E56070

CHI MEI CORPORATION

59-1 SAN CHIA

JEN TE

TAINAN, 717 Taiwan



"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 746A |
| 1.5 mm | PLC 4 | |
| 3.0 mm | PLC 4 | |
| 8.0 mm | PLC 1 | |
| High Amp Arc Ignition (HAI) | | UL 746A |
| 1.5 mm | PLC 0 | |
| 3.0 mm | PLC 2 | |
| 8.0 mm | PLC 2 | |
| Comparative Tracking Index (CTI) | PLC 1 | UL 746A |
| High Voltage Arc Tracking Rate (HVTR) | PLC 0 | UL 746A |
| Arc Resistance | PLC 6 | ASTM D495 |
| Thermal | Value | Test Method |
| RTI Elec | | UL 746B |
| 1.5 mm | 95.0 °C | |
| 3.0 mm | 95.0 °C | |
| 8.0 mm | 95.0 °C | |
| RTI Imp | | UL 746B |
| 1.5 mm | 95.0 °C | |
| 3.0 mm | 95.0 °C | |
| 8.0 mm | 95.0 °C | |
| RTI Str | | UL 746B |
| 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 |

