



# Component - Plastics

File Number: E56070

CHI MEI CORPORATION

59-1 SAN CHIA

JEN TE

TAINAN, 717 Taiwan

POLYLAC: PA-746M

Acrylonitrile Butadiene Styrene (ABS), pellets



| Flammability                          | Value   | Test Method          |
|---------------------------------------|---------|----------------------|
| Flame Rating                          |         |                      |
| 1.5 mm, ALL                           | HB      | UL 94                |
| 3.0 mm, ALL                           | HB      | UL 94                |
| 3.0 mm, ALL                           | 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 5   |                      |
| 3.0 mm                                | PLC 5   |                      |
| High Amp Arc Ignition (HAI)           |         | UL 746A              |
| 1.5 mm                                | PLC 1   |                      |
| 3.0 mm                                | PLC 1   |                      |
| Comparative Tracking Index (CTI)      | PLC 1   | UL 746A              |
| High Voltage Arc Tracking Rate (HVTR) | PLC 3   | UL 746A              |
| Arc Resistance                        | PLC 7   | ASTM D495            |
| Thermal                               | Value   | Test Method          |
| RTI Elec                              |         | UL 746B              |
| 1.5 mm                                | 60.0 °C |                      |
| 3.0 mm                                | 60.0 °C |                      |
| RTI Imp                               |         | UL 746B              |
| 1.5 mm                                | 60.0 °C |                      |
| 3.0 mm                                | 60.0 °C |                      |
| RTI Str                               |         | UL 746B              |
| 1.5 mm                                | 60.0 °C |                      |
| 3.0 mm                                | 60.0 °C |                      |