



Component - Plastics

File Number: E56070

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



Polyrex: PH-55Y
Polystyrene (PS), pellets or powder

| Flammability | Value | Test Method |
|---------------------------------------|---------|----------------------|
| Flame Rating | | |
| 1.60 mm, ALL | HB | UL 94 |
| 3.00 mm, ALL | HB | UL 94 |
| 3.00 mm, ALL | HB40 | IEC 60695-11-10, -20 |
| 1.60 mm, ALL | HB75 | IEC 60695-11-10, -20 |
| Electrical | Value | Test Method |
| Hot-wire Ignition (HWI) | | UL 746 |
| 1.60 mm | PLC 4 | |
| 3.00 mm | PLC 3 | |
| High Amp Arc Ignition (HAI) | | UL 746 |
| 1.60 mm | PLC 0 | |
| 3.00 mm | PLC 0 | |
| 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 |
| 1.60 mm | 50.0 °C | |
| 3.00 mm | 50.0 °C | |
| RTI Imp | | UL 746 |
| 1.60 mm | 50.0 °C | |
| 3.00 mm | 50.0 °C | |
| RTI Str | | UL 746 |
| 1.60 mm | 50.0 °C | |
| 3.00 mm | 50.0 °C | |

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