



Component - Plastics

File Number: E162823

FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV
201 TUNG HWA N RD
TAIPEI, 105 Taiwan



TAIRILITE: AC3910

Polycarbonate (PC), pellets

| Flammability | Value | Test Method |
|---|---------|-------------------------------|
| Flame Rating (1.5 to 1.7 mm, WT) | V-0 | UL 94 IEC 60695-11-10, -20 |
| Electrical | Value | Test Method |
| Hot-wire Ignition (HWI) (1.5 to 1.7 mm) | PLC 2 | UL 746 |
| High Amp Arc Ignition (HAI) (1.5 to 1.7 mm) | PLC 0 | UL 746 |
| Comparative Tracking Index (CTI) | PLC 2 | UL 746 |
| High Voltage Arc Tracking Rate (HVTR) | PLC 4 | UL 746 |
| Arc Resistance | PLC 5 | ASTM D495 |
| Thermal | Value | Test Method |
| RTI Elec (1.5 to 1.7 mm) | 80.0 °C | UL 746 |
| RTI Imp (1.5 to 1.7 mm) | 80.0 °C | UL 746 |
| RTI Str (1.5 to 1.7 mm) | 80.0 °C | UL 746 |