



Component - Plastics

File Number: E36098

Solvay Specialty Polymers USA L L C
4500 MCGINNIS FERRY RD, ALPHARETTA GA 30005-2203



Veradel: 3300, 3300 PREM

Polyethersulfone (PESU), pellets

| Flammability | Value | Test Method |
|---|--------|----------------------|
| Flame Rating | | UL 94 |
| 0.75 mm, ALL | V-0 | |
| 1.5 mm, ALL | V-0 | |
| 3.0 mm, ALL | V-0 | |
| Flammability Classification | | IEC 60695-11-10, -20 |
| 0.75 mm, ALL | V-0 | |
| 1.5 mm, ALL | V-0 | |
| 3.0 mm, ALL | V-0 | |
| Glow Wire Flammability Index (1.5 mm) | 960 °C | IEC 60695-2-12 |
| Glow Wire Ignition Temperature (1.5 mm) | 800 °C | IEC 60695-2-13 |
| Electrical | Value | Test Method |
| Hot-wire Ignition (HWI) | | UL 746 |
| 0.75 mm | PLC 0 | |
| 1.5 mm | PLC 0 | |
| 3.0 mm | PLC 0 | |
| High Amp Arc Ignition (HAI) | | UL 746 |
| 0.75 mm | PLC 1 | |
| 1.5 mm | PLC 1 | |
| 3.0 mm | PLC 1 | |
| Comparative Tracking Index (CTI) | PLC 4 | UL 746 |
| High Voltage Arc Tracking Rate (HVTR) | PLC 2 | UL 746 |
| Arc Resistance | PLC 5 | ASTM D495 |
| Thermal | Value | Test Method |
| RTI Elec | | UL 746 |
| 0.75 mm | 180 °C | |
| 1.5 mm | 180 °C | |
| 3.0 mm | 180 °C | |
| RTI Imp | | UL 746 |
| 0.75 mm | 170 °C | |
| 1.5 mm | 180 °C | |
| 3.0 mm | 180 °C | |
| RTI Str | | UL 746 |
| 0.75 mm | 180 °C | |
| 1.5 mm | 180 °C | |
| 3.0 mm | 190 °C | |

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