



# Component - Plastics

File Number: E36098

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



Veradel: 3200

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 2  |                      |
| 1.5 mm                                  | PLC 2  |                      |
| 3.0 mm                                  | PLC 1  |                      |
| 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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