



Component - Plastics

File Number: E140728

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



KETASPIRE: KT-820 SL30 (a)

Polyetheretherketone (PEEK), pellets

(a) - The 130°C RTI rating is a default rating for this generic material type.

Flammability	Value	Test Method
Flame Rating		UL 94
0.75 mm, NC	V-0	
1.5 mm, NC	V-0	
3.0 mm, NC	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.75 mm, NC	V-0	
1.5 mm, NC	V-0	
3.0 mm, NC	V-0	
Glow Wire Flammability Index		IEC 60695-2-12
1.5 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.5 mm	825 °C	
3.0 mm	900 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.75 mm	PLC 2	
1.5 mm	PLC 1	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
0.75 mm	PLC 2	
1.5 mm	PLC 2	
3.0 mm	PLC 2	
Thermal	Value	Test Method
RTI Elec		UL 746
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Str		UL 746
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	

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