



Component - Plastics

File Number: E50075

TEIJIN LIMITED RESIN AND PLASTIC

ENVIRONMENT QUALITY ASSURANCE DEPT
DIV 1, KASUMIGASEKI COMMON GATE
WEST TOWER, 2-1, KASUMIGASEKI 3-CHOME
CHIYODA-KU, Tokyo 100-8585 Japan



Panlite: SS-2530

polycarbonate/Siloxane (PC/Siloxane), pellets

Flammability	Value	Test Method
Flame Rating		UL 94
0.40 mm, ALL	HB	
0.8 mm, ALL	HB	
1.0 mm, ALL	HB	
1.5 mm, ALL	HB	
3.0 mm, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, ALL	HB40	
0.40 mm, ALL	HB75	
0.8 mm, ALL	HB75	
1.0 mm, ALL	HB75	
1.5 mm, ALL	HB75	
Glow Wire Flammability Index		IEC 60695-2-12
0.8 mm	850 °C	
1.0 mm	850 °C	
1.5 mm	875 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.8 mm	875 °C	
1.0 mm	875 °C	
1.5 mm	875 °C	
3.0 mm	900 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.8 mm	PLC 4	
1.0 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
0.8 mm	PLC 0	
1.0 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	



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Thermal	Value	Test Method
RTI Elec		UL 746B
0.40 mm	80.0 °C	
0.8 mm	80.0 °C	
1.0 mm	80.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Imp		UL 746B
0.40 mm	80.0 °C	
0.8 mm	80.0 °C	
1.0 mm	80.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Str		UL 746B
0.40 mm	80.0 °C	
0.8 mm	80.0 °C	
1.0 mm	80.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
Ball Pressure Test (125°C)	Pass	IEC 60695-10-2

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