



# 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-2525Z

polycarbonate/Siloxane (PC/Siloxane), pellets

Flammability	Value	Test Method
Flame Rating		UL 94
0.40 mm, ALL	V-2	
0.8 mm, ALL	V-2	
1.0 mm, ALL	V-2	
1.5 mm, ALL	V-2	
3.0 mm, ALL	V-2	
Flammability Classification		IEC 60695-11-10, -20
0.40 mm, ALL	V-2	
0.8 mm, ALL	V-2	
1.0 mm, ALL	V-2	
1.5 mm, ALL	V-2	
3.0 mm, ALL	V-2	
Glow Wire Flammability Index		IEC 60695-2-12
0.8 mm	850 °C	
1.0 mm	850 °C	
1.5 mm	850 °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	875 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.8 mm	PLC 0	
1.0 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
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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