



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 JP



Panlite: LS-2250(z1), LS-2250E(#)

Polycarbonate (PC), pellets

(#) - Suffix optional

(z1) - May be suffixed with one or two letters except for a single letter E or the letter E followed by another letter.

Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, ALL	V-2	
3.0 mm, ALL	V-2	
Flammability Classification		IEC 60695-11-10, -20
1.5 mm, ALL	V-2	
3.0 mm, ALL	V-2	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 2	
3.0 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 2	UL 746
Dielectric Strength	30 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+15 ohms-cm	ASTM D257
Volume Resistivity	1.0E+15 ohms-cm	IEC 60093
Arc Resistance	PLC 7	ASTM D495
Electric Strength	30 kV/mm	IEC 60243-1
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	115 °C	
3.0 mm	115 °C	
RTI Imp		UL 746
1.5 mm	105 °C	
3.0 mm	105 °C	
RTI Str		UL 746
1.5 mm	105 °C	
3.0 mm	105 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042
Dimensional Stability	0.0 %	ISO 2796

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