



Component - Plastics

File Number: E244324

TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD

WAIGAOQIAO FREE TRADE ZONE

310 HUAJING RD

SHANGHAI, Shanghai Shi 200131 China



Panlite: LE-1250(y1), LE-1250M(#)

Polycarbonate (PC), pellets, powder

(#) - Suffix optional

(y1) - May be suffixed with one or two letters except for a single letter M or the letters M followed by another letter.

Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, ALL	HB	
3.0 mm, ALL	HB	
6.0 mm, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, ALL	HB40	
6.0 mm, ALL	HB40	
1.5 mm, ALL	HB75	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 3	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
Dielectric Strength	23 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746A
Volume Resistivity	1.0E+16 ohms·cm	ASTM D257
Volume Resistivity	1.0E+16 ohms·cm	IEC 60093
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
6.0 mm	80.0 °C	
RTI Imp		UL 746B
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
6.0 mm	80.0 °C	
RTI Str		UL 746B
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
6.0 mm	80.0 °C	
Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042
Dimensional Change	0.0 %	ISO 2796



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