



TEIJIN POLYCARBONATE SINGAPORE PTE LTD  
#01-01, 111 SAKRA AVE, SINGAPORE 627881 SG



Panlite: L-1225U(#)(f1), L-1225V(#)(f1), L-1225Z(#1)(f1)

Polycarbonate (PC), pellets, powder

(#) - Suffix optional

(#1) - Material designation may be suffixed with any one or two letters except E, L or the letters E or L followed by another letter.

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

可燃性	值	测试方法
UL 阻燃等级		
1.9 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
6.0 mm, ALL	HB	UL 94
0.40 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
0.75 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
1.5 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
6.0 mm, ALL	HB40	IEC 60695-11-10, -20
1.9 mm, ALL	HB75	IEC 60695-11-10, -20
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
0.40 mm	PLC 4	
0.75 mm	PLC 3	
1.5 mm	PLC 3	
1.9 mm	PLC 3	
3.0 mm	PLC 2	
6.0 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746
0.40 mm	PLC 3	
0.75 mm	PLC 1	
1.5 mm	PLC 1	
1.9 mm	PLC 1	
3.0 mm	PLC 1	
6.0 mm	PLC 1	
相比耐漏电起痕指数(CTI)	PLC 2	UL 746
介电强度	30 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 4	UL 746
体积电阻率	1.0E+16 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 5	ASTM D495

## 组件 - 塑料

UL 档案号: E195100



热性能	值	测试方法
RTI Elec		UL 746
0.40 mm	80.0 °C	
0.75 mm	80.0 °C	
1.5 mm	125 °C	
1.9 mm	125 °C	
3.0 mm	125 °C	
6.0 mm	125 °C	
RTI Imp		UL 746
0.40 mm	80.0 °C	
0.75 mm	80.0 °C	
1.5 mm	115 °C	
1.9 mm	115 °C	
3.0 mm	115 °C	
6.0 mm	115 °C	
RTI		UL 746
0.40 mm	80.0 °C	
0.75 mm	80.0 °C	
1.5 mm	125 °C	
1.9 mm	125 °C	
3.0 mm	125 °C	
6.0 mm	125 °C	
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796
室外适用性	f1	UL 746C

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