



LN-2250(##)(f1)

File Number: E195100

Yellow Card® 

COMPANY

TEIJIN POLYCARBONATE SINGAPORE PTE LTD
#01-01
111 Sakra Ave
Singapore, 627881 Singapore

MODEL INFO

Panlite: LN-2250(##)(f1)
Polycarbonate (PC), furnished as pellets, powder
(f1) – Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.
(##) – May be suffixed with one or two letters except for a single letter U, V or Z or the letters U, V or Z followed by another letter.

FLAMMABILITY PROPERTIES	额定值	测试方法
Flammability		ANSI/UL 94
0.43 mm, Color: ALL	V-2	
3.0 mm, Color: ALL	V-0	
6.0 mm, Color: ALL	V-0	
ISO/IEC FLAMMABILITY PROPERTIES	额定值	测试方法
Flammability		IEC 60695-11-10
0.43 mm, Color: ALL	V-2	
3.0 mm, Color: ALL	V-0	
6.0 mm, Color: ALL	V-0	
ELECTRICAL PROPERTIES	额定值	测试方法
Hot-wire Ignition (HWI)		UL 746A
3.0 mm	PLC 3	

6.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746A
3.0 mm	PLC 0	
6.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 3	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 3	
High Voltage, Low Current Arc Resistance	PLC 6	

THERMAL PROPERTIES	额定值	测试方法
Relative Thermal Index - Electrical Strength		UL 746B
0.43 mm	80 °C	
3.0 mm	125 °C	
6.0 mm	125 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.43 mm	80 °C	
3.0 mm	115 °C	
6.0 mm	115 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
0.43 mm	80 °C	
3.0 mm	125 °C	
6.0 mm	125 °C	

PHYSICAL PROPERTIES	额定值	测试方法
Dimensional Change	0.0 %	ASTM D1042/ISO 2796
UV Exposure & Water Immersion	f1	UL 746C

Report Date: 2021-08-20

Revision Date: 2021-08-20

并不是所有出现在本数据库中的公司名称和产品都满足了UL 跟踪检验服务的要求。只有带有 UL 标志的产品，才应该被视为经过UL 认证，并满足UL 跟踪检验服务的要求。注意查看产品上的标志。

UL 允许在线认证目录中所含材料的复制遵循以下条件：1.指南信息、装配、构造、设计、系统和/或认证（文件）必须在不篡改任何数据（或图纸）的情况下完整且无误导性地呈现。2.“经 UL 允许从在线认证目录转载”声明必须出现在所摘取材料的邻近位置。此外，转载材料必须包含以下格式的版权声明：“© 2021 UL LLC”