

**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

**LN-1250G(#)(\*)**

Polycarbonate (PC), "Panlite", furnished as pellets, powder

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI		RTI Str
					Elec	Imp	
ALL	1.0	V-0	3	2	125	105	115
	1.5	V-0	3	0	125	115	125
	3.0	V-0	3	0	125	115	125
	6.0	V-0	2	0	125	115	125

Comparative Tracking Index (CTI): **3**

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): **24**

Volume Resistivity ( $10^x$  ohm-cm) : **16**

High-Voltage Arc Tracking Rate  
(HVTR): **3**

High Volt, Low Current Arc Resis (D495): **6**

Dimensional Stability (%): 0

(#) - Suffix optional

(\*) - All colors except clear.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 1989-05-11  
Last Revised: 2012-03-13

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness	
			Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.0	V-0 (ALL)
			1.5	V-0 (ALL)
			3.0	V-0 (ALL)
			6.0	V-0 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-2	kJ/m <sup>2</sup>	-	-

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