

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-2525(##)

Polycarbonate (PC) "Panlite", furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.0	V-0	3	2	125	105	115
	1.5	V-0	3	0	125	115	125
	2.0	V-0, 5VB	3	0	125	115	125
	3.0	V-0, 5VA	3	0	125	115	125
	6.0	V-0, 5VA	2	0	125	115	125

Comparative Tracking Index (CTI): 3

Inclined Plane Tracking (IPT) kV: -

Dielectric Strength (kV/mm): -

Volume Resistivity (10^x ohm-cm): -

High-Voltage Arc Tracking Rate (HVTR): 3

Surface Resistivity (10^x ohms/square): -

Dimensional Stability (%): -

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

(##) - May be suffixed with one or two letters except for a single letter U, V, Z or YB or the letters U, V, Z or YB followed by another letter.

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.

IEC and ISO Test Methods				
Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	1.0	V-0 (ALL)
			1.5	V-0 (ALL)
			2.0	V-0, 5VB (ALL)
			3.0	V-0, 5VA (ALL)
			6.0	V-0, 5VA (ALL)
Glow-Wire Flammability (GWF1)	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 ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-1	kJ/m ²	-	-