

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

G-34(kk)R(#)

Polycarbonate (PC), glass reinforced, "Panlite", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI		RTI Str
					Elec	Imp	
ALL	0.43	HB	0	4	80	80	80
	0.80	V-2	0	4	80	80	80
	1.5	V-2	2	0	130	120	130
	3.0	V-1	1	0	130	120	130

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

Dielectric Strength (kV/mm): -

High-Voltage Arc Tracking Rate
(HVTR): **4**

Dimensional Stability (%): -

(#) - Suffix optional

(kk) - 10 through 14.

Inclined Plane Tracking (IPT): -

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

High Volt, Low Current Arc Resis (D495): **7**

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: 1997-07-02

Last Revised: 2013-08-26

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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)	0.43	HB75 (ALL)
			0.80	V-2 (ALL)
			1.5	V-2 (ALL)
			3.0	V-1 (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 ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-

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