

**TEIJIN LIMITED RESIN AND PLASTIC**

ENVIRONMENT QUALITY ASSURANCE DEPT, DIV 2, KASUMIGASEKI COMMON GATE, WEST TOWER, 2-1, KASUMIGASEKI 3-CHOME, CHIYODA-KU TOKYO 100-8585 JP

**TN-3812B(#)**

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), "Multilon", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.0	V-1	2	0	60	60	60
	1.1	V-0	-	-	60	60	60
	1.3	V-0	2	0	60	60	60
	1.5	V-0	1	0	60	60	60
	2.0	V-0, 5VB	1	0	60	60	60
	3.0	V-0, 5VA	1	0	60	60	60

Comparative Tracking Index (CTI): 2

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): 9

Volume Resistivity (10<sup>x</sup> ohm-cm) : 16

High-Voltage Arc Tracking Rate (HVTR): 0

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

Dimensional Stability (%): 0.0

(#) - Suffix optional

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: 1992-08-12

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness	
			Tested (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	1.0	V-1 (ALL)
			1.1	V-0 (ALL)
			1.3	V-0 (ALL)
			1.5	V-0 (ALL)
			2.0	V-0, 5VB (ALL)
			3.0	V-0, 5VA (ALL)
			Glow-Wire Flammability (GWFI)	IEC 60695-2-12
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	-	-

<b>ISO Tensile Impact</b>	<b>ISO 8256</b>	<b>kJ/m<sup>2</sup></b>	<b>-</b>	<b>-</b>
<b>ISO Izod Impact</b>	<b>ISO 180</b>	<b>kJ/m<sup>2</sup></b>	<b>-</b>	<b>-</b>
<b>ISO Charpy Impact</b>	<b>ISO 179-2</b>	<b>kJ/m<sup>2</sup></b>	<b>-</b>	<b>-</b>

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