

Component - Plastics

E244324

Guide Information

TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD

WAIGAOQIAO FREE TRADE ZONE, 310 HUAJING RD, SHANGHAI 200131 CN

TN-7500(c)

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	0.45	HB	-	-	60	60	60
	0.8	V-2	-	-	60	60	60
	1.2	V-1	-	-	60	60	60
	1.5	V-0	3	2	60	60	60
	2.0	V-0, 5VB	2	1	60	60	60
	3.0	V-0, 5VB	1	1	60	60	60

Comparative Tracking Index (CTI): 0

Inclined Plane Tracking (IPT) kV: -

Dielectric Strength (kV/mm): -

Volume Resistivity (10⁴ ohm-cm): -

High-Voltage Arc Tracking Rate (HVTR): -

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

Dimensional Stability (%): -

(c) - May be suffixed with any one or two letters except F, M and T.

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.

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	0.45	HB75 (ALL)
			0.8	V-2 (ALL)
			1.2	V-1 (ALL)
			1.5	V-0 (ALL)
			2.0	V-0, 5VB (ALL)
			3.0	V-0, 5VB (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	-	-
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	-	-