Component - Plastics

E194560

Guide Information

ZHEN JIANG CHI MEI CHEMICAL CO LTD

DAGANG ECONOMICAL DEVELOPING ZONE, 18 HAN FENG RD, ZHENJIANG JIANGSU 212132 CN

PC-540(Y)

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

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.75	HB	3	3	60	60	60
	0.8	V-2	3	3	60	60	60
	1.5	V-0	3	3	85	80	80
	2.0	V-0, 5VB	3	3	85	80	80
	3.0	V-0, 5VA	3	2	85	80	80

Comparative Tracking Index (CTI): 2

Inclined Plane Tracking (IPT) kV: -

Dielectric Strength (kV/mm): -

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

High-Voltage Arc Tracking Rate (HVTR): 3

High Volt, Low Current Arc Resis (D495): 5

Dimensional Stability (%): -

(Y) - Optional suffix; may be suffixed with one or two alphabet but except H, unconcerned with formula or constituent changed.

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)	0.75	HB75 (ALL)
			0.8	V-2 (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	°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	-	-