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The information presented on the UL Prospector datasheet was acquired by UL Prospector from the producer of the material. UL Prospector makes substantial efforts to assure the accuracy of this data. However, UL Prospector assumes no responsibility for the data values and strongly encourages that upon final material selection, data points are validated with the material supplier.

E345326

Component - Plastics

Guide Information

CHANG CHUN CHEMICAL (JIANGSU) CO LTD

101 Changchun Rd., RIVERSIDE INDUSTRIAL PARK, CHANGSHU ECONOMIC DEVELOPMENT ZONE, CHANGSHU JIANGSU 215537 CN

4130

Polybutylene Terephthalate (PBT), glass reinforced "LONGLITE", furnished as pellets


<u>Color</u>	<u>Min. Thk</u> <u>(mm)</u>	<u>Flame</u> <u>Class</u>	<u>HWI</u>	<u>HAI</u>	<u>RTI</u> <u>Elec</u>	<u>RTI</u> <u>Imp</u>	<u>RTI</u> <u>Str</u>
ALL	0.38	V-0	4	0	140	140	140
	0.74	V-0	4	0	140	140	140
	1.5	V-0, 5VA	3	0	140	140	140
	3.0	V-0, 5VA	2	0	140	140	140
Comparative Tracking Index (CTI): 2				Inclined Plane Tracking (IPT) kV: -			
Dielectric Strength (kV/mm): 27				Volume Resistivity (10 <sup>x</sup> ohm-cm): 14			
High-Voltage Arc Tracking Rate (HVTR): 4				High Volt, Low Current Arc Resis (D495): 7			
Dimensional Stability (%): -							

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)	0.38	V-0 (ALL)
			0.74	V-0 (ALL)
			1.5	V-0, 5VA (ALL)
			3.0	V-0, 5VA (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	0.38	960
			0.74	960
			1.5	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	0.38	750
			0.74	750
			1.5	725
			3.0	800
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	210
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 <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-2	kJ/m <sup>2</sup>	-	-