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Component - Plastics **E59481**

CHANG CHUN PLASTICS CO LTD

7TH FL, 301 SONGKIANG RD, TAIPEI 104 TW

T385J

Phenolic Molding Compound (PMC), "LONGLITE", furnished as granular material

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
BK, BN	3.0	V-1	0	0	150	150	150
NC	3.0	V-0	0	0	150	150	150
BK, BN, NC	6.0	V-0	0	0	150	150	150
BK	1.5	HB	1	0	150	150	150

Comparative Tracking Index (CTI): **4**

Inclined Plane Tracking (IPT): **-**

Dielectric Strength (kV/mm): **13**

Volume Resistivity (10^x ohm-cm) : **11**

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

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

Dimensional Stability (%): 0

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	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	3.0	V-1 (BK, BN)
			3.0	V-0 (NC)
			6.0	V-0 (BK, BN, NC)
			1.5	HB75 (BK)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	3.0	960
			3.0	960
			1.5	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	3.0	900
			3.0	900
			1.5	875
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	3.0	160
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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The materials covered in this database are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE PRODUCTS SUBMITTED TO UNDERWRITERS LABORATORIES.

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