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Component - Plastics

E59481

CHANG CHUN PLASTICS CO LTD

7TH FL, 301 SONGKIANG RD, TAIPEI TW

T375HF**Phenolic Molding Compound (PMC), "LONGLITE", furnished as pellets, granular material, or powder**

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI	RTI	RTI
					Elec	Imp	Str
BK	0.43	V-0	0	0	150	150	150
	0.75	V-0	0	0	150	150	150
	3.2	V-0	0	0	150	150	150

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

Dimensional Stability (%): -

High-Voltage Arc Tracking Rate
(HVTR): **3**High Volt, Low Current Arc Resis (D495): **4**Dielectric Strength (kV/mm): **10**Volume Resistivity (10^x ohm-cm) : **11**

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL94 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 Underwriters Laboratories Inc.

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Last Revised:2008-08-28

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness	Value
			Tested (mm)	
IEC Flammability	IEC 60695-11-10	Class (color)	0.43	V-0 (BK)
			0.75	V-0 (BK)
			3.2	V-0 (BK)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	3.2	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	3.2	960
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	3.0	190
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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