

LONGLITE**Phenolic Molding Compound****CCP**

UL File: E59481
 Form : Granular
 Storage Life : 1 Year

PMC – T373J

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PMC-T373J Black Phenolic is a two-stage, electrical purpose molding material offering excellent mold process-ability and optimized Cure cycles. Typical applications include gas meter parts, houseware appliance part and electrical applications, etc.

<u>Typical Physical Properties</u>		Method		Metric	
Grade		ASTM	JIS	Value	Unit
General	Specific Gravity	D792	K7112	1.42	---
	Water Absorption	D570	K6911	0.3	%
	Molding Shrinkage	D955	K6915	0.012	m/m
Mechanical	Charpy Impact	D256	K7111	3.5	Kgf/cm
	Izod Impact	D256	K6911	3.0	Kgf/cm
	Flexural Strength	D790	K7203	95	MPa
	Tensile Strength	D638	K6911	56	MPa
	Compressive Strength	D695	K6911	220	MPa
	Deflection Temp.	D648	K7207	170	°C
Electrical	Dielectric Strength	D149	K6915	11	KV/mm
	Insulation Resistance(N)	D257	K6915	1E+10	Ohm
	Insulation Resistance(B)	D257	K6915	1E+8	Ohm
	Volume Resistivity	D257	K6911	1E+12	Ohm-cm
UL File	UL 94 Flame Class			2.0	mm/V-0
	CTI PLC Level			4	---
	D495 PLC Level			6	---
	RTI			150	°C

The typical values listed are results obtained from the testing of standard specimens using the stated test procedures, with said specimens molded under controlled laboratory conditions from representative samples of the product

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