

LONGLITE Phenolic Molding Compound **CCP**

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

PMC – T399J

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PMC-T399J Black Phenolic is a two-stage, high mechanical purpose molding material offering excellent mold process-ability and optimized cure cycles. Typical applications include automotive interior parts container base, axis bar, etc.

Typical Physical Properties		Method		Metric	
Grade		ASTM	JIS	Value	Unit
General	Specific Gravity	D792	K7112	1.7	---
	Water Absorption	D570	K6911	0.07	%
	Molding Shrinkage	D955	K6915	0.05	m/m
Mechanical	Charpy Impact	D256	K7111	5	Kgf/cm
	Izod Impact	D256	K6911	4	Kgf/cm
	Flexural Strength	D790	K7203	155	MPa
	Tensile Strength	D638	K6911	60	MPa
	Compressive Strength	D695	K6911	220	MPa
	Deflection Temp.	D648	K7207	195	°C
Electrical	Dielectric Strength	D149	K6915	15	KV/mm
	Insulation Resistance(N)	D257	K6915	5E+11	Ohm
	Insulation Resistance(B)	D257	K6915	10E+9	Ohm
	Volume Resistivity	D257	K6911	1E+13	Ohm-cm
UL File	UL 94 Flame Class			0.76	mm/V-0
	CTI PLC Level			2	---
	D495 PLC Level			4	---
	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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