

LONGLITE Phenolic Molding Compound CCP

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

PMC – T391

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*PMC-T391 Black Phenolic is a two-stage, high specific gravity molding material offering excellent dimensional stability and heat resistance °
 Typical applications include automobile interior parts and brake piston °*

<u>Typical Physical Properties</u>		Method		Metric	
Grade		ASTM	JIS	Value	Unit
General	Specific Gravity	D792	K7112	2.1	---
	Water Absorption	D570	K6911	0.04	%
	Molding Shrinkage	D955	K6915	0.015	m/m
Mechanical	Charpy Impact	D256	K7111	3.5	Kgf/cm
	Izod Impact	D256	K6911	3.0	Kgf/cm
	Flexural Strength	D790	K7203	120	MPa
	Tensile Strength	D638	K6911	70	MPa
	Compressive Strength	D695	K6911	230	MPa
	Deflection Temp.	D648	K7207	200	°C
Electrical	Dielectric Strength	D149	K6915	14	KV/mm
	Insulation Resistance(N)	D257	K6915	10 ¹²	Ohm
	Insulation Resistance(B)	D257	K6915	10 ¹¹	Ohm
	Volume Resistivity	D257	K6911	10 ¹³	Ohm-cm
	UL - 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 °

Ver 1st/2006