

LONGLITE® PMC T 373J

Phenolic

CCP Group

Message:

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.

General Information			
Features	Fast Cure		
	Good Electrical Properties		
	Good Moldability		
Uses	Appliances		
	Electrical/Electronic Applications		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.2	%	ASTM D955
Water Absorption (24 hr)	0.30	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	56.0	MPa	ASTM D638
Flexural Strength	95.0	MPa	ASTM D790
Compressive Strength	220	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	34.3	J/m	ASTM D256
Notched Izod Impact	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	170	°C	ASTM D648
RTI Elec	150	°C	UL 746
RTI Imp	150	°C	UL 746
RTI Str	150	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+12	ohms · cm	ASTM D257
Dielectric Strength	11	kV/mm	ASTM D149
Arc Resistance	PLC 6		ASTM D495
Comparative Tracking Index (CTI)	PLC 4		UL 746
Insulation Resistance			ASTM D257

-- 1	1.0E+10	ohms	
-- 2	1.0E+8	ohms	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (2.00 mm)	V-0		UL 94
NOTE			
1.	(N)		
2.	(B)		

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Recommended distributors for this material


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