

Fenochem C 4800

Phenolic

Chemiplastica, Inc.

Message:

Colour : black
Reinforcement : mineral flour/wood flour
Application areas : lamp-holder, technical pieces, heat-shields for irons
Mark : DIN 31/1549

General Information			
Filler / Reinforcement	Wood Flour\Mineral Flour		
Features	High Heat Resistance		
	Renewable Resource Content		
Uses	Electrical Parts		
	Engineering Parts		
Appearance	Black		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.50	g/cm ³	ISO 1183
Molding Shrinkage			ISO 2577
-- ¹	0.40 to 0.60	%	
--	0.50 to 0.70	%	
Water Absorption	< 100.0	mg	ISO 62
Flammability			IEC 707
Mechanical	Nominal Value	Unit	Test Method
Flexural Stress	> 60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	> 1.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	> 4.0	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	> 140	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+9	ohms	IEC 60093
Volume Resistivity	> 1.0E+10	ohms · cm	IEC 60093
Comparative Tracking Index	> 175	V	IEC 60112
NOTE			
1.	Post-shrink		

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