

Fenochem T 3500/S

Phenolic

Chemiplastica, Inc.

Message:

Colour : black

Reinforcement : wood flour/inorganic

Application areas : for general purpose, easy to mould, suitable for the production of a wide range of articles

Mark : DIN 31/1449

General Information			
Filler / Reinforcement	Wood Flour\Inorganic		
Features	General Purpose		
	Good Moldability		
	Renewable Resource Content		
Uses	Caps		
	Closures		
	Electrical Parts		
	Sanitary Products		
Appearance	Black		
Processing Method	Injection Molding		
	Resin Transfer Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Molding Shrinkage			ISO 2577
-- ¹	0.40 to 0.60	%	
--	0.60 to 0.80	%	
Water Absorption	< 100.0	mg	ISO 62
Flammability			IEC 707
Mechanical	Nominal Value	Unit	Test Method
Flexural Stress	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	> 1.3	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	> 4.5	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	> 115	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+8	ohms	IEC 60093

Volume Resistivity	> 1.0E+10	ohms·cm	IEC 60093
Comparative Tracking Index	> 125	V	IEC 60112

NOTE

1.
- Post-shrink

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