

Generic Phenolic - Wood Flour

Phenolic

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Phenolic - Wood Flour
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Wood flour		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37 - 1.57	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	0.10 - 0.64	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	41.0 - 58.0	MPa	ASTM D638
Flexural Strength (23°C)	68.1 - 95.6	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	152 - 216	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	2.1E+9 - 1.8E+12	ohms·cm	ASTM D257
Dielectric Strength (23°C)	8.7 - 12	kV/mm	ASTM D149
Injection	Nominal Value	Unit	
Mold Temperature	174 - 180	°C	
Back Pressure	0.300 - 1.00	MPa	
Screw Speed	40 - 60	rpm	
Injection instructions			

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