

Generic Alkyd - Glass Fiber

Alkyd

Generic

Message:

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

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.09 to 2.15	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.30 to 0.45	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.050 to 0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	60 to 65		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength (Yield, 23°C)	82.7 to 105	MPa	ASTM D790
Compressive Strength (23°C)	124 to 159	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	77 to 160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	232 to 260	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (23°C)	12 to 13	kV/mm	ASTM D149
Dielectric Constant (23°C)	5.98 to 7.30		ASTM D150
Dissipation Factor (23°C)	0.010 to 0.070		ASTM D150
Arc Resistance	180 to 186	sec	ASTM D495

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Recommended distributors for this material

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