

# Generic Vinyl Ester - Glass Fiber

Vinyl Ester

Generic

Message:

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

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.74 to 1.90	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (23°C)	-0.10 to 0.12	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.050 to 0.35	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	59 to 71		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	11200 to 43400	MPa	ASTM D638
Tensile Strength (23°C)	28.6 to 359	MPa	ASTM D638
Flexural Modulus (23°C)	10300 to 41400	MPa	ASTM D790
Flexural Strength (23°C)	90.7 to 597	MPa	ASTM D790
Compressive Strength (23°C)	152 to 605	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	760 to 1900	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	257 to 288	°C	ASTM D648
Thermoset	Nominal Value	Unit	Test Method
Shelf Life (23°C)	8.6 to 8.7	wk	
Demold Time	4.0	min	

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## Recommended distributors for this material

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