

# Generic PP Homopolymer - Glass\Mineral

Polypropylene Homopolymer

Generic

Message:

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

General Information			
Filler / Reinforcement	Glass\Mineral		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06 to 1.26	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5 to 16	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow : 23°C	0.39 to 0.70	%	
Across Flow : 23°C	0.90 to 1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	42.7 to 70.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0 to 5.1	%	ASTM D638
Flexural Modulus (23°C)	2840 to 6880	MPa	ASTM D790
Flexural Strength (23°C)	65.0 to 97.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	42 to 69	J/m	ASTM D256
Unnotched Izod Impact (23°C)	270 to 430	J/m	ASTM D256
Gardner Impact (23°C)	0.226 to 0.582	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	152 to 157	°C	
1.8 MPa, Unannealed	132 to 143	°C	

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## Recommended distributors for this material

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