

Generic PP Homopolymer - Glass Bead

Polypropylene Homopolymer

Generic

Message:

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

General Information			
Filler / Reinforcement	Glass beads		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.02 - 1.24	g/cm ³	ASTM D792
23°C	0.814 - 1.43	g/cm ³	ISO 1183
Molding Shrinkage - Flow (23°C)	0.30 - 1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation			
Fracture, 23°C	2.5 - 10	%	ASTM D638
Fracture, 23°C	3.9 - 100	%	ISO 527-2
Flexural Modulus			
23°C	1500 - 3510	MPa	ASTM D790
23°C	1550 - 1610	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30 - 50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	105 - 154	°C	ASTM D648
1.8 MPa, not annealed	64.6 - 133	°C	ASTM D648
Vicat Softening Temperature	150 - 155	°C	ISO 306
Injection	Nominal Value	Unit	
Drying Temperature	81.9 - 82.7	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	209 - 253	°C	
Middle Temperature	210 - 253	°C	
Front Temperature	210 - 253	°C	
Mold Temperature	48.6 - 55.0	°C	
Injection instructions			

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Recommended distributors for this material

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