

Generic PP, High Crystal - Talc

High Crystallinity Polypropylene

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PP, High Crystal - Talc
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Talc filler		
Physical	Nominal Value	Unit	Test Method
Density	0.940 - 1.24	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.5 - 12	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	0.80 - 1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (23°C)	85 - 105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	33.3 - 35.4	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	20 - 60	%	ASTM D638
Flexural Modulus (23°C)	1720 - 4510	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	34 - 49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115 - 150	°C	ASTM D648
Injection	Nominal Value	Unit	
Mold Temperature	60.0 - 65.0	°C	
Injection Pressure	63.7 - 78.5	MPa	
Holding Pressure	63.7 - 78.5	MPa	
Injection instructions			

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