

Generic PP Copolymer - Wollastonite (CaSiO3)

Polypropylene Copolymer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PP Copolymer - Wollastonite (CaSiO3)
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Wollastonite (CaSiO3)		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.955 to 1.23	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11 to 18	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	0.50 to 1.1	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (23°C)	43 to 58		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1000 to 3000	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield, 23°C	16.8 to 22.0	MPa	
Break, 23°C	13.0 to 17.0	MPa	
Tensile Elongation			ASTM D638
Yield, 23°C	3.0 to 5.0	%	
Break, 23°C	18 to 40	%	
Flexural Modulus (23°C)	900 to 3000	MPa	ASTM D790
Flexural Strength (23°C)	19.0 to 26.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	82 to 300	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	75.0 to 115	°C	
1.8 MPa, Unannealed	51.0 to 56.5	°C	

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