

Generic PP Impact Copolymer - Talc

Polypropylene Impact Copolymer

Generic

Message:

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

General Information			
Filler / Reinforcement	Talc filler		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.978 - 1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0 - 13	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	0.89 - 1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	21.8 - 27.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	8.0 - 36	%	ASTM D638
Flexural Modulus (23°C)	1740 - 3290	MPa	ASTM D790
Flexural Strength (23°C)	43.9 - 46.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	18 - 60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	104 - 141	°C	ASTM D648
1.8 MPa, not annealed	60.0 - 63.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.5 - 93.3	°C	
Drying Time	1.5 - 3.0	hr	
Processing (Melt) Temp	215 - 232	°C	
Mold Temperature	18.3 - 60.0	°C	
Injection instructions			

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