

Spartech Polycom 6070G100

Polypropylene Homopolymer

Spartech Polycom

Message:

Spartech Polycom 6070G100 is a polypropylene homopolymer (PP Homopoly) product, which contains 20% talc filler. It is available in North America. Features include:
odorless/tasteless channel
Good processability
Homopolymer
Good stiffness

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Rigid, good		
	Homopolymer		
	Workability, good		
	The smell is low to none		
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Appearance	White		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	31.7	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, 23°C	4.0	%	ASTM D638
Fracture, 23°C	30	%	ASTM D638
Flexural Modulus - Tangent (23°C)	2410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	118	°C	ASTM D648
1.8 MPa, not annealed	68.3	°C	ASTM D648

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