

Spartech Polycom PP7220

Polypropylene Copolymer

Spartech Polycom

Message:

Spartech Polycom PP7220 is a polypropylene copolymer (PP Copoly) product, which contains 20% calcium carbonate filler. It can be processed by injection molding and is available in North America.

Features include:

Copolymer

Good processability

Good stiffness

Impact resistance

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Features	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Workability, good		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	10	%	ASTM D638
Fracture	400	%	ASTM D638
Flexural Modulus - Secant	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	530	J/m	ASTM D256
Dart Drop Impact (23°C)	3.39	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	76.7	°C	ASTM D648
1.8 MPa, not annealed	40.6	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	55		ASTM D523
Additional Information			
Flexural Modulus,ASTM D790, Tangent: 180000 psi			

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