

Spartech Polycom PP7250

Polypropylene Copolymer

Spartech Polycom

Message:

Spartech Polycom PP7250 is a polypropylene copolymer (PP Copoly) product, which contains 50% 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, 50% 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	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.9	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	ASTM D638
Fracture	60	%	ASTM D638
Flexural Modulus	1340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Dart Drop Impact			ASTM D3029
-29°C	0.339	J	ASTM D3029
23°C	1.13	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, annealed	98.9	°C	ASTM D648
1.8 MPa, not annealed	46.1	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	40		ASTM D523
Additional Information			

Flexural Modulus-Tangent, ASTM D790: 240,000 psi.

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

