

Spartech Polycom EP7240

Polypropylene Copolymer
Spartech Polycom

Message:

Spartech Polycom EP7240 is a polypropylene copolymer (PP Copoly) product, which contains 40% calcium carbonate filler. It can be processed by blow molding or extrusion and is available in North America. The application fields of Spartech Polycom EP7240 include construction application and automobile industry.

Features include:

- Copolymer
- Good stiffness
- Impact resistance

General Information	
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight
Features	Rigid, good
	Copolymer
	Impact resistance, good
Uses	Architectural application field
	Application in Automobile Field
Forms	Particle
Processing Method	Blow molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.1	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.1	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	7.0	%	ASTM D638
Fracture	200	%	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Dart Drop Impact			ASTM D3029
-30°C	2.26	J	ASTM D3029
23°C	2.82	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, annealed	93.3	°C	ASTM D648

1.8 MPa, not annealed	48.9	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	50		ASTM D523
Additional Information			

Flexural Modulus-Tangent, ASTM D790: 250,000 psi.

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