

Spartech Polycom PP6240 B109

Polypropylene Copolymer

Spartech Polycom

Message:

Spartech Polycom PP6240 B109 is a polypropylene copolymer (PP Copoly) product, which contains 40% calcium carbonate filler. It is available in North America.

Features include:

Good stiffness

Impact resistance

General Information			
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight		
Features	Rigid, good		
	Medium impact resistance		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	6.0	%	ASTM D638
Fracture	150	%	ASTM D638
Flexural Modulus - Secant	1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Dart Drop Impact (23°C)	0.565	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	102	°C	ASTM D648
1.8 MPa, not annealed	50.6	°C	ASTM D648
Additional Information			

Flexural Modulus, ASTM D790, Tangent: 310000 psi

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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

