

Spartech Polycom PP5240

Polypropylene Homopolymer

Spartech Polycom

Message:

Spartech Polycom PP5240 is a polypropylene homopolymer (PP Homopoly) product, which contains 40% calcium carbonate filler. It can be processed by injection molding and is available in North America.

Features include:

high gloss

Homopolymer

Good stiffness

Impact resistance

General Information			
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight		
Features	Rigid, good		
	Highlight		
	Homopolymer		
	Impact resistance, good		
	Good coloring		
Appearance	White		
Forms	Particle		
Processing Method	Injection molding		
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)	24.1	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	ASTM D638
Fracture	70	%	ASTM D638
Flexural Modulus - Secant	1790	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Dart Drop Impact (23°C)	2.03	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	116	°C	ASTM D648
1.8 MPa, not annealed	56.1	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	50		ASTM D523
Additional Information			

Flexural Modulus,ASTM D790, Tangent: 340000 psi

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

