

Spartech Polycom PP5420

Polypropylene

Spartech Polycom

Message:

Spartech Polycom PP5420 is a polypropylene product, which contains a 20% glass fiber reinforced material. It can be processed by injection molding and is available in North America.

Features include:

- high strength
- Homopolymer
- anti-warping
- Good dimensional stability
- Good stiffness

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Good dimensional stability		
	Low warpage		
	Rigid, good		
	High strength		
	Homopolymer		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	68.9	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	2.0	%	ASTM D638
Fracture	2.0	%	ASTM D638
Flexural Modulus - Secant	3650	MPa	ASTM D790
Flexural Strength	93.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	152	°C	ASTM D648
1.8 MPa, not annealed	138	°C	ASTM D648
Additional Information			
Flexural Modulus, ASTM D790, Tangent: 795000 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

