

Spartech Polycom PP5930

Polypropylene
Spartech Polycom

Message:

Spartech Polycom PP5930 is a polypropylene product that contains 30% glass/mica. It can be processed by injection molding and is available in North America.

Features include:

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

General Information			
Filler / Reinforcement	Glass/mica, 30% filler by weight		
Features	Good dimensional stability		
	Low warpage		
	Rigid, good		
	High strength		
	Workability, good		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	2.0	%	ASTM D638
Fracture	2.5	%	ASTM D638
Flexural Modulus - Secant	3790	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	149	°C	ASTM D648
1.8 MPa, not annealed	127	°C	ASTM D648
Additional Information			
Flexural Modulus, ASTM D790, Tangent: 800000 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

