

Spartech Polycom PP5312

Polypropylene Homopolymer
Spartech Polycom

Message:

Spartech Polycom PP5312 is a polypropylene homopolymer (PP Homopoly) product, which contains 12% mica filler. It is available in North America. Typical application areas are: automotive industry.
Features include:
Good processability
anti-warping
Good dimensional stability
Good stiffness

General Information			
Filler / Reinforcement	Mica filler, 12% filler by weight		
Features	Good dimensional stability		
	Low warpage		
	Rigid, good		
	Workability, good		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.1	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	ASTM D638
Fracture	20	%	ASTM D638
Flexural Modulus - Secant	1720	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	113	°C	ASTM D648
1.8 MPa, not annealed	57.2	°C	ASTM D648
Additional Information			

Flexural Modulus, ASTM D790, Tangent: 285000 psi

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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

