

Spartech Polycom PP5321

Polypropylene Homopolymer

Spartech Polycom

Message:

Spartech Polycom PP5321 is a polypropylene homopolymer (PP Homopoly) product, which contains 25% mica filler. It is available in North America. Features include:
anti-warping
Good dimensional stability
Good stiffness

General Information			
Filler / Reinforcement	Mica filler, 25% filler by weight		
Features	Good dimensional stability		
	Low warpage		
	Rigid, good		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.4	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	15	%	ASTM D638
Flexural Modulus - Tangent	2620	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	124	°C	ASTM D648
1.8 MPa, not annealed	68.9	°C	ASTM D648

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