

Spartech Polycom PP5430

Polypropylene

Spartech Polycom

Message:

Spartech Polycom PP5430 is a polypropylene product, which contains a 30% 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, 30% 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	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.35	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	79.3	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	2.0	%	ASTM D638
Fracture	2.0	%	ASTM D638
Flexural Modulus - Secant	5170	MPa	ASTM D790
Flexural Strength	117	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	154	°C	ASTM D648
1.8 MPa, not annealed	143	°C	ASTM D648
Additional Information			

Flexural Modulus, ASTM D790, Tangent: 1000000 psi

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Recommended distributors for this material

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