

Spartech Polycom PP5413 B1

Polypropylene
Spartech Polycom

Message:

13% Glass Reinforced Homopolymer Black Polypropylene compound offers a superior balance of stiffness and impact. A Spartech Polycom representative can provide further information on this and other Spartech Polycom products.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 13% filler by weight		
Features	Good dimensional stability		
	Rigid, good		
	High strength		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.958	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	55.2	MPa	ASTM D638
--	44.8	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	ASTM D638
Fracture	10	%	ASTM D638
Flexural Modulus - Secant	1900	MPa	ASTM D790
Flexural Strength	62.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	143	°C	ASTM D648
1.8 MPa, not annealed	104	°C	ASTM D648

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Recommended distributors for this material

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