

Spartech Polycom PP6430 B1

Polypropylene

Spartech Polycom

Message:

30% Glass Reinforced, Chemically Coupled, Impact Modified Polypropylene, Black compound offers improved impact properties balanced with excellent stiffness and heat deflection performance. This product is suitable for injection molding processes. A Spartech Polycom representative can provide further information on this and other Spartech Polycom products.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Features	Rigid, good		
	Impact resistance, good		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.35	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	55.2	MPa	ASTM D638
Tensile Elongation (Yield)	3.0	%	ASTM D638
Flexural Modulus - Secant	3210	MPa	ASTM D790
Flexural Strength (Yield)	93.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	250	J/m	ASTM D256
Dart Drop Impact	5.08	J	ASTM D3029
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	135	°C	ASTM D648

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Recommended distributors for this material

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