

Spartech Polycom PP7230U

Polypropylene Copolymer

Spartech Polycom

Message:

30% Calcium Carbonate Filled, Copolymer Polypropylene, Green, compound provides high level of impact, and is useful in applications where improved processing and stiffness are required versus unfilled copolymer materials. This product is UL94HB rated and carries a UL RTI rating of 115° C for electrical devis at thicknesses greater that 0.058 inches. A Spartech Polycom representative can provide further information on this and other Spartech Polycom products.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 30% filler by weight		
Features	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Workability, good		
Appearance	Green		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (224°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	18.6	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	8.0	%	ASTM D638
Fracture	200	%	ASTM D638
Flexural Modulus - Secant	1170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	96	J/m	ASTM D256
Dart Drop Impact (23°C)	3.39	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	93.3	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	50		ASTM D523

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