

Spartech Polycom PP7000 B1

Polypropylene Copolymer

Spartech Polycom

Message:

Spartech Polycom PP7000 B1 is a polypropylene copolymer (PP Copoly) product. It can be processed by injection molding and is available in North America.

- Features include:
- flame retardant/rated flame
 - Copolymer
 - Good stiffness
 - Impact resistance

General Information			
Features	Rigid, good		
	Copolymer		
	Medium impact resistance		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (2.54 mm)	0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.1	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	11	%	ASTM D638
Fracture	400	%	ASTM D638
Flexural Modulus - Secant	896	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-5°C)	110	J/m	ASTM D256
Dart Drop Impact (23°C)	3.02	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	79.4	°C	ASTM D648
1.8 MPa, not annealed	43.3	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	55		ASTM D523
Additional Information			
Flexural Modulus 190000psi, tangent.			

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