

# Spartech Polycom PP7215 G41

Polypropylene Copolymer

Spartech Polycom

## Message:

15% Calcium Carbonate Filled Copolymer provides a very high level of impact and is useful in application where improved processing and stiffness are required when compared to unfilled copolymer materials. A Spaetech Polycom representative can provide further information on this and other Spartech Polycom products.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 15% filler by weight		
Features	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Workability, good		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.7	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.4	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	12	%	ASTM D638
Fracture	400	%	ASTM D638
Flexural Modulus - Secant	896	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	530	J/m	ASTM D256
Dart Drop Impact (23°C)	3.39	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	73.9	°C	ASTM D648
1.8 MPa, not annealed	39.4	°C	ASTM D648

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Recommended distributors for this material

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