

Spartech Polycom X05042

Polypropylene
Spartech Polycom

Message:

Spartech Polycom X05042 is a polypropylene product, which contains 25% talc filler. It is available in North America.
Features include:
Impact modification
Good stiffness

General Information			
Filler / Reinforcement	Talc filler, 25% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
	Rigid, good		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	1.7	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	27.6	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, 23°C	7.0	%	ASTM D638
Fracture, 23°C	200	%	ASTM D638
Flexural Modulus			ASTM D790
Secant: 23°C	1720	MPa	ASTM D790
Tangent: 23°C	2590	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Dart Drop Impact (23°C)	8.81	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	118	°C	ASTM D648
1.8 MPa, not annealed	60.0	°C	ASTM D648

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