

Spartech Polycom X05032

Polypropylene
Spartech Polycom

Message:

Spartech Polycom X05032 is a polypropylene product, which contains 20% mica filler. It can be processed by blow molding and is available in North America.
Features include:
Good dimensional stability
Good stiffness

General Information			
Filler / Reinforcement	Mica filler, 20% filler by weight		
Features	Good dimensional stability		
	Rigid, good		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	1.4	%	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	8.0	%	ASTM D638
Fracture, 23°C	48	%	ASTM D638
Flexural Modulus - Secant (23°C)	1650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	107	°C	ASTM D648
1.8 MPa, not annealed	46.1	°C	ASTM D648

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