

Spartech Polycom X03321

Polypropylene Homopolymer

Spartech Polycom

Message:

20% Calcium Carbonate Filled Extrusion Grade, Black , coumpound offers a high level of stiffness and heat deflection performance balanced with excellent processibility. The nominal melt flow of 1.0 g/10 min. makes this product ideal for sheet extrusion thermoforming applications up to 100 mil thickness.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Features	Rigid, good		
	Heat resistance, high		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	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	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	6.0	%	ASTM D638
Fracture	40	%	ASTM D638
Flexural Modulus - Secant	1590	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Dart Drop Impact (23°C)	1.58	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	98.9	°C	ASTM D648
1.8 MPa, not annealed	54.4	°C	ASTM D648
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	75		ASTM D523

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