

# Spartech Polycom X03831

Polypropylene Homopolymer

Spartech Polycom

Message:

Spartech Polycom X03831 is a polypropylene homopolymer (PP Homopoly) product containing 35% glass \talc. It is available in North America.

Features include:

Good processability

Homopolymer

Good stiffness

General Information			
Filler / Reinforcement	Glass \talc, 35% filler by weight		
Features	Rigid, good		
	Homopolymer		
	Workability, good		
Appearance	White		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	35.2	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	3.0	%	ASTM D638
Flexural Modulus			ASTM D790
Secant: 23°C	2650	MPa	ASTM D790
Tangent: 23°C	3450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	143	°C	ASTM D648
1.8 MPa, not annealed	93.3	°C	ASTM D648

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