

# Spartech Polycom X05023

Polypropylene Copolymer

Spartech Polycom

Message:

Spartech Polycom X05023 is a polypropylene copolymer (PP Copoly) product, which contains 20% talc filler. It is available in North America.

Features include:

Copolymer

Good processability

Good stiffness

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Rigid, good		
	Copolymer		
	Workability, good		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	22.8	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, 23°C	8.0	%	ASTM D638
Fracture, 23°C	150	%	ASTM D638
Flexural Modulus			ASTM D790
Secant: 23°C	1380	MPa	ASTM D790
Tangent: 23°C	1930	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	J/m	ASTM D256

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