

Spartech PP7210 Calcium Carbonate Filled High Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Calcium Carbonate (CaCO3) Filler

Material Notes:

Provides the highest level of impact of all copolymers and are useful in applications where improved processing and stiffness are required versus unfilled copolymer materials. Information provided by Spartech

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-PP7210-Calcium-Carbonate-Filled-High-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc @Temperature 22.8 Â°C	0.960 g/cc @Temperature 73.0 Â°F	ASTM D792
Filler Content	10 %	10 %	
Linear Mold Shrinkage	0.018 cm/cm	0.018 in/in	0.125inch wall

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.1 MPa	3200 psi	ASTM D638
Elongation at Break	>= 400 %	>= 400 %	ASTM D638
Elongation at Yield	14 %	14 %	ASTM D638
Flexural Modulus	0.896 GPa	130 ksi	secant; ASTM D790
	1.10 GPa	160 ksi	tangent; ASTM D790
Izod Impact, Notched	>= 5.34 J/cm @Temperature 22.8 Â°C	>= 10.0 ft-lb/in @Temperature 73.0 Â°F	ASTM D256
Gardner Impact	>= 40.7 J @Temperature 22.8 Â°C	>= 30.0 ft-lb @Temperature 73.0 Â°F	ASTM D5420

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	71.1 Â°C	160 Â°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	37.8 Â°C	100 Â°F	ASTM D648

Optical Properties	Metric	English	Comments
Gloss	65 %	65 %	60Â°; ASTM D523

Optical Properties

Metric

English

Comments

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China