

## Spartech PP5930 Glass/Mica Reinforced Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Mica Filler

**Material Notes:**

Information provided by Spartech

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Spartech-PP5930-GlassMica-Reinforced-Homopolymer.php](http://www.lookpolymers.com/polymer_Spartech-PP5930-GlassMica-Reinforced-Homopolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
	@Temperature 22.8 Å°C	@Temperature 73.0 Å°F	
Filler Content	30 %	30 %	Glass/Mica
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	0.125inch wall

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.4 MPa	6000 psi	ASTM D638
Elongation at Break	2.5 %	2.5 %	ASTM D638
Elongation at Yield	2.0 %	2.0 %	ASTM D638
Flexural Modulus	3.79 GPa	550 ksi	secant; ASTM D790
	5.52 GPa	800 ksi	tangent; ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256
	@Temperature 22.8 Å°C	@Temperature 73.0 Å°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	149 Å°C	300 Å°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	127 Å°C	260 Å°F	ASTM D648

## 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