

## Spartech PP5321 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-PP5321-Mica-Reinforced-Homopolymer.php](http://www.lookpolymers.com/polymer_Spartech-PP5321-Mica-Reinforced-Homopolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
	@Temperature 22.8 Â°C	@Temperature 73.0 Â°F	
Filler Content	25 %	25 %	Mica
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	0.125inch wall

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.4 MPa	4850 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Flexural Modulus	2.14 GPa	310 ksi	secant; ASTM D790
	2.62 GPa	380 ksi	tangent; ASTM D790
Izod Impact, Notched	0.294 J/cm	0.550 ft-lb/in	ASTM D256
	@Temperature 22.8 Â°C	@Temperature 73.0 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	124 Â°C	255 Â°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	68.9 Â°C	156 Â°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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