

## Spartech PP5312 Mica Reinforced Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Mica Filler

**Material Notes:**

Information provided by Spartech

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Spartech-PP5312-Mica-Reinforced-Homopolymer.php](http://www.lookpolymers.com/polymer_Spartech-PP5312-Mica-Reinforced-Homopolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.01 g/cc	1.01 g/cc	ASTM D792
	@Temperature 22.8 Å°C	@Temperature 73.0 Å°F	
Filler Content	12 %	12 %	Mica
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	0.125inch wall

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.1 MPa	4800 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Flexural Modulus	1.72 GPa	250 ksi	secant; ASTM D790
	1.97 GPa	285 ksi	tangent; ASTM D790
Izod Impact, Notched	0.320 J/cm	0.600 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)	113 Å°C	235 Å°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.2 Å°C	135 Å°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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