

## Spartech PP5340 Mica Reinforced Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Mica Filler

**Material Notes:**

Information provided by Spartech

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Spartech-PP5340-Mica-Reinforced-Homopolymer.php](http://www.lookpolymers.com/polymer_Spartech-PP5340-Mica-Reinforced-Homopolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc @Temperature 22.8 °C	1.24 g/cc @Temperature 73.0 °F	ASTM D792
Filler Content	40 %	40 %	Mica
Linear Mold Shrinkage	0.0080 cm/cm	0.0080 in/in	0.125inch wall

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.8 MPa	4900 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Flexural Modulus	3.03 GPa	440 ksi	secant; ASTM D790
	4.00 GPa	580 ksi	tangent; ASTM D790
Izod Impact, Notched	0.267 J/cm @Temperature 22.8 °C	0.500 ft-lb/in @Temperature 73.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	138 °C	280 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	82.2 °C	180 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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