

## Spartech PP5430 Glass Fiber Reinforced Homopolymer

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

**Material Notes:**

Provides the maximum strength and heat resistance among polypropylene compounds. Physical properties can approach those of more expensive engineering resins. Information provided by Spartech

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Spartech-PP5430-Glass-Fiber-Reinforced-Homopolymer.php](http://www.lookpolymers.com/polymer_Spartech-PP5430-Glass-Fiber-Reinforced-Homopolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc @Temperature 22.8 Â°C	1.14 g/cc @Temperature 73.0 Â°F	ASTM D792
Filler Content	30 %	30 %	
Linear Mold Shrinkage	0.0035 cm/cm	0.0035 in/in	0.125inch wall

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	79.3 MPa	11500 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Elongation at Yield	2.0 %	2.0 %	ASTM D638
Flexural Strength	117 MPa	17000 psi	Max Load; ASTM D790
Flexural Modulus	5.17 GPa	750 ksi	secant; ASTM D790
	6.89 GPa	1000 ksi	tangent; ASTM D790
Izod Impact, Notched	0.801 J/cm @Temperature 22.8 Â°C	1.50 ft-lb/in @Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	154 Â°C	310 Â°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	143 Â°C	290 Â°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**