

## Polyram Polytron P60B08-S Polypropylene, 60% Long Glass Fiber

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 60% Glass Fiber Filler

### Material Notes:

Polytron P60B08-S (Single strand) is a chemically coupled polypropylene 60% long glass fiber with extra load of additives for dilution. Information provided by Polyram.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-Polytron-P60B08-S-Polypropylene-60-Long-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Polyram-Polytron-P60B08-S-Polypropylene-60-Long-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage	0.0020 - 0.0045 cm/cm	0.0020 - 0.0045 in/in	ISO 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	95.0 MPa	13800 psi	ISO 527
Elongation at Break	2.5 %	2.5 %	ISO 527
Tensile Modulus	6.30 GPa	914 ksi	ISO 527
Flexural Strength	135 MPa	19600 psi	ISO 178
Flexural Modulus	6.50 GPa	943 ksi	ISO 178
Izod Impact, Notched (ISO)	12.0 kJ/m <sup>2</sup> @Temperature 23.0 °C	5.71 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 180
Charpy Impact Unnotched	5.00 J/cm <sup>2</sup> @Temperature -30.0 °C	23.8 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	ISO 179
	6.50 J/cm <sup>2</sup> @Temperature 23.0 °C	30.9 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179
Charpy Impact, Notched	1.10 J/cm <sup>2</sup> @Temperature -30.0 °C	5.23 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	ISO 179
	1.30 J/cm <sup>2</sup> @Temperature 23.0 °C	6.19 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	162 °C	324 °F	
Deflection Temperature at 1.8 MPa (264 psi)	150 °C	302 °F	ISO 75

Thermal Properties

Metric /min

English min

Comments

## 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