

## Polyram RamSter PF340S4 PBT, 20% Glass Beads

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Glass Bead Filled

### Material Notes:

20% Glass bead reinforced PBT for injection molding applications. Information provided by Polyram Ram On Ind.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyram-RamSter-PF340S4-PBT-20-Glass-Beads.php](http://www.lookpolymers.com/polymer_Polyram-RamSter-PF340S4-PBT-20-Glass-Beads.php)

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in <sup>3</sup>	ISO 1183
Water Absorption at Saturation	0.5 %	0.5 %	ISO 62
Linear Mold Shrinkage	0.02 cm/cm	0.02 in/in	ISO 2577
Melt Flow	15 g/10 min @Load 2.16 kg, Temperature 250 °C	15 g/10 min @Load 4.76 lb, Temperature 482 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 MPa	7250 psi	ASTM-D638
Elongation at Break	5 %	5 %	ASTM-D638
Tensile Modulus	3.20 GPa	464 ksi	ASTM D638
Flexural Strength	80.0 MPa	11600 psi	ASTM D790
Flexural Modulus	2.10 GPa	305 ksi	ASTM-D790
Izod Impact, Notched	0.350 J/cm @Temperature 23.0 °C	0.656 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	ISO 11375
Deflection Temperature at 0.46 MPa (66 psi)	210 °C	410 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	100 °C	212 °F	ISO 75
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	IEC 60695
Glow Wire Test	650 °C	1200 °F	GWFI

Electrical Properties	Metric	English	Comments
Surface Resistance	1e+15 ohm	1e+15 ohm	IEC 60093
Dielectric Constant	3.6 @Frequency 1e+6 Hz	3.6 @Frequency 1e+6 Hz	IEC 60250
Dielectric Strength	25.0 kV/mm	635 kV/in	IEC 60250

## 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