

Polyram RamSter PF801 PBT, High Impact Modified

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Impact Grade

Material Notes:

High impact modified PBT for injection molding applications. Information provided by Polyram.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-RamSter-PF801-PBT-High-Impact-Modified.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.016 - 0.019 cm/cm	0.016 - 0.019 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	30.0 MPa	4350 psi	ISO 527
Elongation at Break	60 %	60 %	ISO 527
Tensile Modulus	2.00 GPa	290 ksi	ISO 527
Flexural Strength	75.0 MPa	10900 psi	ISO 178
Flexural Modulus	2.10 GPa	305 ksi	ISO 178
Izod Impact, Notched (ISO)	20.0 kJ/m ² @Temperature -30.0 °C	9.52 ft-lb/in ² @Temperature -22.0 °F	ISO 180
	60.0 kJ/m ² @Temperature 23.0 °C	28.6 ft-lb/in ² @Temperature 73.4 °F	ISO 180
Charpy Impact, Notched	2.50 J/cm ² @Temperature -30.0 °C	11.9 ft-lb/in ² @Temperature -22.0 °F	ISO 179
	7.00 J/cm ² @Temperature 23.0 °C	33.3 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	ISO 11357
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ISO 75

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	IEC 60093
Dielectric Strength	30.0 kV/mm	762 kV/in	IEC 60250

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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