

PolyOne Gravi-Tech™ GRV-UR-080-W Polyurethane, Unspecified (PUR, Unspecified)

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Gravi-Tech-GRV-UR-080-W-Polyurethane-Unspecified-PUR-Unspecified.php

Physical Properties	Metric	English	Comments
Specific Gravity	7.98 g/cc	7.98 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	10.3 MPa	1490 psi	Type I, 5.1 mm/min; ASTM D638
Elongation at Break	70 %	70 %	Type I, 5.1 mm/min; ASTM D638
Tensile Modulus	0.00951 GPa	1.38 ksi	Type I, 5.1 mm/min; ASTM D638
Flexural Modulus	0.0896 GPa	13.0 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	3.00 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Injection Molded; ASTM D256A

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 204 °C	360 - 399 °F	
Mold Temperature	65.6 - 82.2 °C	150 - 180 °F	
Drying Temperature	65.6 °C	150 °F	
Dry Time	4.00 hour	4.00 hour	

Descriptive Properties	Value	Comments
Features	High Density	
	Non-Toxic	
Forms	Pellets	
Generic Material	PUR, Unspecified	
Generic Name	Polyurethane, Unspecified (PUR, Unspecified)	
Processing Method	Injection Molding	

Descriptive Properties Regional Availability	Value Asia Pacific	Comments
Uses	Industrial Applications	
	Medical/Healthcare Applications	
	Projectiles	
	Sporting Goods	
	Weighting & Balancing	

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