

PolyOne Gravi-Tech™ GRV-UR-045-SS-W Black 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-045-SS-W-Black-Polyurethane-Unspecified-PUR-Unspecified.php

Physical Properties	Metric	English	Comments
Specific Gravity	4.49 g/cc	4.49 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0060 - 0.010 cm/cm	0.0060 - 0.010 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	53	53	10 sec; ASTM D2240
	60	60	ASTM D2240
Tensile Stress	8.69 MPa	1260 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
Elongation at Break	100 %	100 %	ASTM D412
Flexural Yield Strength	12.4 MPa	1800 psi	13 mm/min; ASTM D790
Flexural Modulus	0.365 GPa	52.9 ksi	ASTM D790
Izod Impact, Notched	2.10 J/cm	3.93 ft-lb/in	ASTM D256
	@Thickness 3.18 mm	@Thickness 0.125 in	

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	
Regional Availability	North America	
Uses	Industrial Applications	

Descriptive Properties	Value Projectiles	Comments
	Sporting Goods	
	Weighting & Balancing	

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