



Gravi-Tech™ GRV-UR-030-SS-BLK

Polyurethane Thermoset Elastomer, Polyester Based

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• North America		
Features	• High Density	• Non-Toxic	
Uses	• Industrial Applications • Medical/Healthcare Applications	• Projectiles • Sporting Goods	• Weighting & Balancing
Forms	• Pellets		
Processing Method	• Injection Molding		

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	3.00	3.00	ASTM D792
Molding Shrinkage - Flow	4.0E-5 to 9.0E-5 in/in	4.0E-3 to 9.0E-3 %	ASTM D955
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Flexural Modulus	65000 psi	448 MPa	ASTM D790
Flexural Strength ² (Yield)	2120 psi	14.6 MPa	ASTM D790
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength	1680 psi	11.6 MPa	ASTM D412
Tensile Elongation (Break)	120 %	120 %	ASTM D412
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore D, 10 sec)	54	54	ASTM D2240

Notes

¹ Typical values are not to be construed as specifications.

² 0.50 in/min (13 mm/min)

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