

Gravi-Tech™ GRV-UR-045-SS-W Black

Polyurethane
PolyOne Corporation

Message:

Gravi-Tech™ GRV-UR-045-SS-W Black is a Polyurethane product. It can be processed by injection molding and is available in North America. Applications of Gravi-Tech™ GRV-UR-045-SS-W Black include industrial applications and sporting goods. Primary characteristic: non-toxic.

General Information			
Features	High Density		
	Non-Toxic		
Uses	Industrial Applications		
	Projectiles		
	Sporting Goods		
	Weighting & Balancing		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	4.49	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 to 1.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D	60		
Shore D, 10 sec	53		
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	365	MPa	ASTM D790
Flexural Strength ¹ (Yield)	12.4	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	8.69	MPa	ASTM D412
Tensile Elongation (Break)	100	%	ASTM D412
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	210	J/m	ASTM D256
NOTE			
1.	13 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

