

Gravi-Tech™ GRV-UR-080-W

Polyurethane
PolyOne Corporation

Message:

Gravi-Tech™ GRV-UR-080-W is a Polyurethane product. It can be processed by injection molding and is available in Asia Pacific. Applications of Gravi-Tech™ GRV-UR-080-W include industrial applications, medical/healthcare and sporting goods. Primary characteristic: non-toxic.

General Information			
Features	High Density		
	Non-Toxic		
Uses	Industrial Applications		
	Medical/Healthcare Applications		
	Projectiles		
	Sporting Goods		
	Weighting & Balancing		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	7.98	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	9.51	MPa	ASTM D638
Tensile Strength ² (Yield)	10.3	MPa	ASTM D638
Tensile Elongation ³ (Break)	70	%	ASTM D638
Flexural Modulus	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm, Injection Molded)	160	J/m	ASTM D256A
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	182 to 204	°C	
Mold Temperature	65.6 to 82.2	°C	
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		
3.	Type I, 5.1 mm/min		

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