



**Product Data Sheet &  
General Processing Conditions**

**ZOVGOV® M64GB6  
Polyethersulfone (PES)  
Glass Bead**

**PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS**

<b>PERMANENCE</b>	<b>English</b>	<b>SI Metric</b>	<b>ASTM TEST</b>
Primary Additive	30 %	30 %	
Specific Gravity	1.56	1.56	D 792
Molding Shrinkage 1/8 in (3.2 mm) section	0.0080 in/in	0.80 %	D 955

**MECHANICAL**

Impact Strength, Izod notched 1/8 in (3.2 mm) section	0.8 ft-lbs/in	43 J/m	D 256
unnotched 1/8 in (3.2 mm) section	5.5 ft-lbs/in	294 J/m	D 4812
Tensile Strength	10000 psi	69 MPa	D 638
Tensile Elongation	2.5 %	2.5 %	D 638
Tensile Modulus	0.60 x 10 <sup>6</sup> psi	4137 MPa	D 638
Flexural Strength	17000 psi	117 MPa	D 790
Flexural Modulus	0.60 x 10 <sup>6</sup> psi	4137 MPa	D 790

**PROPERTY NOTES**

Data herein is typical and not to be construed as specifications.  
Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties.

**GENERAL PROCESSING FOR INJECTION MOLDING**

	<b>English</b>	<b>SI Metric</b>
Injection Pressure	10000 - 15000 psi	69 - 103 MPa
Melt Temperature	650 - 710 °F	343 - 377 °C
Mold Temperature	275 - 350 °F	135 - 177 °C
Drying	6 hrs @ 300 °F	6 hrs @ 149 °C
Moisture Content	0.04 %	0.04 %
Dew Point	-25 °F	-32 °C

**PROCESSING NOTES**

Desiccant Type Dryer Required.