



**Product Data Sheet &  
General Processing Conditions**

**ZOVGOV® M22G7  
Nylon 6 (PA)  
Glass Fiber  
Heat Stabilized**

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

**PERMANENCE** **STANDARD**

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Primary Additive	35 %	
Density	1.40 g/cm <sup>3</sup>	ISO 1183

**MECHANICAL**

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Tensile Strength	190 MPa	ISO 527
Tensile Elongation	2.5 - 4.0 %	ISO 527
Tensile Modulus	12000 MPa	ISO 527
Flexural Strength	260 MPa	ISO 178
Flexural Modulus	9800 MPa	ISO 178

**THERMAL**

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Heat Deflection Temperature @ 1.80 MPa	210 °C	ISO 75
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**PROPERTY NOTES**

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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**

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Injection Pressure	70 - 105 MPa
Injection Pressure	680 - 1030 bar
Melt Temperature	245 - 280 °C
Mold Temperature	55 - 95 °C
Drying	2 hrs @ 80 °C
Moisture Content	0.20 %
Dew Point	-25 °C

**PROCESSING NOTES**

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Desiccant Type Dryer Required.