



**Product Data Sheet &  
General Processing Conditions**

**ZOVGOV® M20G5  
Nylon 6/6 (PA)  
Glass Fiber  
Heat Stabilized**

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

<b>PERMANENCE</b>		<b>STANDARD</b>
Primary Additive	25 %	
Density	1.33 g/cm <sup>3</sup>	ISO 1183
Shrinkage, 4 mm Thickness		
Flow direction	0.10 - 0.40 %	ISO 294-4
<b>MECHANICAL</b>		
Impact Strength, Izod		
Notched, 4 mm thickness	10 kJ/m <sup>2</sup>	ISO 180/1A
Unnotched, 4 mm thickness	60 kJ/m <sup>2</sup>	ISO 180/1U
Tensile Strength	175 MPa	ISO 527
Tensile Elongation	3.0 - 4.0 %	ISO 527
Tensile Modulus	9000 MPa	ISO 527
Flexural Strength	250 MPa	ISO 178
Flexural Modulus	8250 MPa	ISO 178

**THERMAL**

Heat Deflection Temperature @ 1.80 MPa	245 °C	ISO 75
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**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**

Injection Pressure	70 - 125 MPa
Injection Pressure	680 - 1240 bar
Melt Temperature	275 - 300 °C
Mold Temperature	65 - 105 °C
Drying	4 hrs @ 80 °C
Moisture Content	0.20 %
Dew Point	-25 °C

**PROCESSING NOTES**

Desiccant Type Dryer Required.