



**Product Data Sheet &
General Processing Conditions**

**ZOVGOV® M22G3
Nylon 6 (PA)
Glass Fiber
Heat Stabilized**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE **STANDARD**

Primary Additive	15 %	
Density	1.23 g/cm ³	ISO 1183

MECHANICAL

Tensile Strength	103 MPa	ISO 527
Tensile Elongation	3.0 - 4.0 %	ISO 527
Tensile Modulus	6500 MPa	ISO 527
Flexural Strength	165 MPa	ISO 178
Flexural Modulus	5100 MPa	ISO 178

THERMAL

Heat Deflection Temperature @ 1.80 MPa	200 °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 - 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

Desiccant Type Dryer Required.