



**Product Data Sheet &
General Processing Conditions**

**ZOVGOV® M20G13
Nylon 6/6 (PA)
Glass Fiber
Heat Stabilized**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE		STANDARD
Primary Additive	13 %	
Density	1.23 g/cm ³	ISO 1183
Shrinkage, 4 mm Thickness		
Flow direction	0.40 - 0.70 %	ISO 294-4
MECHANICAL		
Impact Strength, Izod		
Notched, 4 mm thickness	5 kJ/m ²	ISO 180/1A
Tensile Strength	120 MPa	ISO 527
Tensile Elongation	3.5 %	ISO 527
Tensile Modulus	5700 MPa	ISO 527
Flexural Strength	180 MPa	ISO 178
Flexural Modulus	5300 MPa	ISO 178
THERMAL		
Heat Deflection Temperature		
@ 1.80 MPa	240 °C	ISO 75

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.