



**Product Data Sheet &
General Processing Conditions**

**ZOVGOV® M20G2
Nylon 6/6 (PA)
Glass Fiber**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

| PERMANENCE | | STANDARD |
|---|------------------------|-----------------|
| Primary Additive | 10 % | |
| Density | 1.22 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.