

**Product Description**

20% Glass Fiber, Polyamide 66

**General Considerations**

Resin ID (ISO 1043)	· PA66 GF20
Filler / Reinforcement	· Glass Fiber, 20% Filler by Weight
Processing	· Injection Molding                      · Extrusion
Color	· Natural

- The information below is for informational purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
Density / Specific Gravity	1.29 to 1.30	g/cm <sup>3</sup>	ASTM D 792
Mold Shrinkage	0.6 to 0.9	%	ASTM D 955

Mechanical	Value	Unit	Method
Tensile Strength	130	MPa	ASTM D 638
Elongation at Break	3,5	%	ASTM D 638
Flexural Strength	190	MPa	ASTM D 790
Flexural Modulus	5300	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	60	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	--
Heat Deflection Temperature 1,82 MPa	238	°C	ASTM D 648
Flammability	HB	-	UL 94

Process	Value	Unit	Method
Molding Process Temperature	285 to 305	°C	--
Mold Temperature	70 to 120	°C	--
Drying	80/4	°C/Hours	--

Data contained in this Data Sheet have been obtained in laboratory and reflect the average number of batches produced. This information is current as of the date on which it was authorized to print this. The Petropol reserves the right to alter designs, specifications and information on its products at any time or discontinue them, regardless of any notice or statement without incurring liability of any kind.