

Product Description

20% Glass Fiber, UV Stabilized, Polyamide 66

General Considerations

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

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,24	g/cm ³	ISSO 1183

Mechanical	Value	Unit	Method
Yield Strength	150	MPa	ISO 527-1-2
Yield Strain	4	%	ISO 527-1-2
Flexural Strength	190	MPa	ISO 178
Flexural Modulus	5300	MPa	ISO 178
Izod Impact Strength		kJ/m ²	ISO 180/1U
23°C	60		
Izod Notched Impact Strength		kJ/m ²	ISO 180/1A
23°C	5,0		

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	--
Heat Deflection Temperature		°C	ASTM D 648
1,82 MPa	238		
Flammability (2,0 mm)	HB	-	UL 94

Process		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.