

Product Description

50% Glass Fiber, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66 GF50
Filler / Reinforcement	· Glass Fiber, 50% Filler by Weight
Processing	· Injection Molding
Color	· Black

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

Physical	Value	Unit	Method
Density	1,55 to 1,57	g/cm ³	ASTM D 792
Ash content	48 to 52	%	ASTM D 2584

Mechanical	Value	Unit	Method
Tensile Stenght	185	MPa	ISO 527
Elongation at Break	1,1	%	ISO 527
Tensile Modulus	22150	MPa	ISO 527
Flexural Stenght	270	MPa	ISO 178
Flexural Modulus	10750	MPa	ISO 178
Notched Izod Impact 23°C	6	kJ/m ²	ISO 180

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	ASTM D 2117
Flammability	HB		UL 94

Process	Value	Unit	Method
Molding Process Temperature	260 to 280	°C	--
Mold Temperature	70 to 100	°C	--
Drying	90/3	°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.