

**Product Description**

35% Glass Reinforced, Polyamide 6

**General Considerations**

Resin ID (ISO 1043)	• PA6-GF35
Filler / Reinforcement	• 35% Glass Fiber
Processing	• Injection Molding
Color	• Natural

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

Physical	Value	Unit	Method
% Ash Content	33 to 37	%	ASTM D 2584
Density	1,38	g/cm <sup>3</sup>	ASTM D 792
Mold Shrinkage	0,3	%	ASTM D 955
Humidity Absorption	0,9	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Stress	190	MPa	ASTM D 638
Elongation at break	2,5	%	ASTM D 638
Flexural Modulus	10400	MPa	ASTM D 790
Izod Notched Impact 23°C	14	kJ/m <sup>2</sup>	ASTM 256

Thermal	Value	Unit	Method
Melting Point	215 to 225	°C	ASTM D 2117
Deflection Temperature	210	°C	ASTM D 648

Process		Unit	Method
Molding Process Temperature	230 to 240	°C	--
Mold Temperature	100	°C	--
Drying	80/6	°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.