

**Product Description**

Impact Modified, Polyamide 6

**General Considerations**

Resin ID (ISO 1043)	· PA6
Processing	· Injection Molding
Additive	· High impact
Color	· Natural

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

Physical	Value	Unit	Method
Density	1,04 to 1,08	g/cm <sup>3</sup>	ASTM D 792

Mechanical	Dry	50%RH	Unit	Method
Tensile Strength	30	--	MPa	ASTM D 638
Elongation at Yield	4	30	%	ASTM D 638
Flexural Modulus	1700	570	MPa	ASTM D 790
Tensile Modulus	1800	540	MPa	ASTM D 790
Notched Izod Impact 23°C	662	1189	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	225	°C	ASTM D 2117

Process	Value	Unit	Method
Molding Process Temperature	240 to 270	°C	--
Mold Temperature	60 to 90	°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.