

Product Description

Polyamide 6

General Considerations

Resin ID (ISO 1043)	· >PA6 <
Processing	· Injection Molding
Color	· Black

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

Physical	Value	Unit	Method
Density	1,10 to 1,12	g/cm ³	ASTM D 792
Mold Shrinkage	2,4 to 2,5	%	ASTM D 955
Humidity Absorption	0,7 to 0,9	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	55	MPa	ASTM D 638
Tensile Modulus	2100	MPa	ASTM D 638
Elongation at break	80	%	ASTM D 638
Flexural Strength	62	MPa	ASTM D 790
Notched Izod Impact 23°C	80	J/m	ASTM D 256

Thermal	Value	Unit	Method
Flammability	HB	-	UL 94
Deflection Temperature 1,8 MPa	65	°C	ASTM D 648
Melting Point	220	°C	ASTM D 2117

Process		Unit	Method
Molding Process Temperature	240 to 260	°C	--
Processing Moisture Content	0,02	%	--
Drying	90/4	°C/Hours	--

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