

Product Description

Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6
Processing	· Injection Molding
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	1,13 to 1,15	g/cm ³	ASTM D 792
Mold Shrinkage	1,0 to 1,5	%	ASTM D 955
Water Absorption	1,7	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	70	MPa	ASTM D 638
Elongation at Break	35	%	ASTM D 638
Flexural Strength	75	MPa	ASTM D 790
Flexural Modulus	2400	MPa	ASTM D 790
Notched Izod Impact	40	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	215 to 220	°C	ASTM D 2117
Deflection Temperature 1,8 MPa	75	°C	ASTM D 648
Vicat Softening Temperature	205	°C	ASTM D 1525A

Process		Unit	Method
Molding Process Temperature	260 to 280	°C	--
Mold Temperature	80 to 100	°C	--
Drying	90/4	°C/Hours	--

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