

Product Description

Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6	
Processing	· Injection Molding	· Extrusion
Color	· Natural	

Physical	Value	Unit	Method
Density	1,13	g/cm ³	ASTM D 792

Mechanical	Value	Unit	Method
Tensile Strength @ Yield	72	MPa	ASTM D 638
Elongation		%	ASTM D 638
@ Break	4		
@ Yield	50		
Flexural Strength	110	MPa	ASTM D 790
Flexural Modulus	3010	MPa	ASTM D 790
Notched Izod Impact		J/m	ASTM D 256
23°C	60		

Thermal	Value	Unit	Method
Temp. of deflection under load		°C	ASTM D 648
0,45 MPa	178		
1,80 MPa	65		
Melting Point	220	°C	ISO 3146 A

Process	Value	Unit	Method
Molding Process Temperature	240 to 260	°C	--
Mold Temperature	60 to 90	°C	--
Drying	80/4	°C/Hours	--

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