

Product Description

High Viscosity, 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
Mold Shrinkage	0,9 to 1,4	%	ASTM D 955
Relative Viscosity	3,90 to 4,10	-	H2SO4 / CH2O2

Mechanical	Value	Unit	Method
Tensile Strength	86	MPa	ASTM D 638
Elongation @ Break	215	%	ASTM D 638
Flexural Modulus	2800	MPa	ASTM D 790
Notched Izod Impact 23°C	75	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,80 MPa	65	°C	ASTM D 648
Melting Point	220	°C	ASTM D 2117

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

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