

Product Description

Lubricated, Polyamide 6

General Considerations

Resin ID (ISO 1043)	• PA6	
Additive	• Lubricated	
Processing	• Injection Molding	• Extrusion
Color	• Black	

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

Physical	Dry	Unit	Method
Density / Specific Gravity	1,13	g/cm ³	ASTM D 792/A
Relative Viscosity	2,7	-	-
Mold Shrinkage		%	ASTM D 955
Parallel	1,1		
Water Absorption		%	ASTM D 570
Saturation	10		

Mechanical	Dry	50%RH	Unit	Method
Tensile Strength	56	48	MPa	ASTM D 638
Elongation at Break	35	100	%	ASTM D 638
Flexural Strength	75	64	MPa	ASTM D 790
Flexural Modulus	2400	1100	MPa	ASTM D 790
IZOD Notched Impact Strength			J/m	ASTM D 256
23°C	40	70		

Thermal	Value	Unit	Method
Melting Point	220	°C	ISO 3146/A
Heat Deflection Temperature		°C	ASTM D 648
1,82 MPa	75		
Vicat Softening Temperature	205	°C	ASTM D 1525
Flammability	HB		UL 94

Electrical	Value	Unit	Method
Surface Resistivity	1,0E14	ohm	IEC 60093

Process		Unit	Method
Molding Process Temperature	230 to 250	°C	--
Mold Temperature	50 to 80	°C	--
Drying	80/2 to 4	°C/Hours	--

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