

Product Description

Lubrificated, Flame Retardant, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6	
Additive	· Lubrificated	· Flame Retardant
Processing	· Injection Molding	· Extrusion
Color	· Natural	

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

Physical	Values	Unit	Method
Density / Specific Gravity	1,16	g/cm ³	ASTM D 792/A
Relative Viscosity	2,7	-	-
Mold Shrinkage		%	ASTM D 955
Water Absorption		%	ASTM D 570
Saturation	10		

Mechanical	Values	Unit	Method
Tensile Strength	65	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2000	MPa	ASTM D 790
Izod Notched Impact Strength		J/m	ASTM D 6110
23°C	45		
Hardness, Rockwell		--	ASTM D 785
Scale R	116 to 122		

Thermal	Value	Unit	Method
Melting Point	220	°C	ISO 3146/A
Heat Deflection Temperature		°C	ASTM D 648
1,82 MPa	60		

Flammability	Value	Unit	Method
Glow Wire Test @2mm	960	°C	IEC 60695-2-1
Flammability @1mm	V-0		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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