

Product Description

Lubricated, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66
Additive	· Lubricated
Processing	· Injection Molding
Color	· Natural

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,14	g/cm ³	ASTM D 792
Viscosity number	45 to 55		ASTM D 2857
Mold Shrinkage	1,15 to 1,17	%	ASTM D 955
Water Absorption	1,3	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	85	MPa	ASTM D 638
Elongation at Break	57	%	ASTM D 638
Flexural Strength	100	MPa	ASTM D 790
Flexural Modulus	2950	MPa	ASTM D 790
Izod Notched Impact Strength		J/m	ASTM D 256
23°C	50		
Hardness, Rockwell		--	ASTM D 785
Scale R	121		

Thermal	Value	Unit	Method
Melting Point	262	°C	ISO 3146/A
Heat Deflection Temperature		°C	ASTM D 648
1,82 Mpa	75		
0,45 Mpa	200		

Electrical	Value	Unit	Method
Volume Resistivity	1E14	ohm.cm	ASTM D 257
Dielectric Constant			ASTM D 150
1 MHz	3.6	-	
100 Hz	4	-	
1000 Hz	3.9	-	

Flammability	Value	Unit	Method
Glow Wire @ 2,0 mm	850	°C	IEC 60695-2-1

Process	Value	Unit	Method
Molding Process Temperature	260 to 290	°C	--
Mold Temperature	70 to 90	°C	--
Drying	80/4 to 6	°C/Hours	--

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