

Product Description

Lubricated, UV Resistant, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66	
Additive	· Lubricated	· UV Resistant
Processing	· Injection Molding	· Extrusion
Color	· Black	

- 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	1,5 to 1,8	%	ASTM D 955
Water Absorption	1,3	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	75	MPa	ISO527
Elongation at Break	6,0	%	ISO527
Flexural Strength	104	MPa	ISO178
Flexural Modulus	2450	MPa	ISO178
Izod Notched Impact Strength		kJ/m ²	ISO180/A
23°C	4,5		
Hardness, Rockwell		--	ASTM D 785
Scale R	121		

Thermal	Value	Unit	Method
Melting Point	245 to 265	°C	ISO 3146/A
Heat Deflection Temperature		°C	ASTM D 648
1,82 Mpa	60		

Electrical	Value	Unit	Method
Volume Resistivity	1E14	ohm.cm	ASTM D 257

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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