

Product Description

Nylon 66

General Considerations

Resin ID (ISO 1043)	· >PA66<
Processing	· Injection Molding
Color	· White

Physical	Value	Unit	Method
Density / Specific Gravity	1,14	g/cm ³	ASTM D 792
Mold Shrinkage	1,5 to 2,0	%	ASTM D 955
Humidity Absorption	1,3	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strenght	85	MPa	ASTM D 628
Elongation at Break	30	%	ASTM D 629
Flexural Strength	100	MPa	ASTM D 790
Flexural Modulus	2750	MPa	ASTM D 790
Notched Izod Impact 23°C	50	J/m	ASTM D 256
Rockwell Hardness	120	Scale R	ASTM D 785

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	ASTM D 2117
Heat Deflection Temperature 1,82 Mpa	65	°C	ASTM D 648

Electrical	Value	Unit	Method
Volume Resistivity	10 ¹⁴	Ω.cm	ASTM D 257

Process		Unit	Method
Molding Process Temperature	260 to 280	°C	--
Mold Temperature	70 to 100	°C	--
Struffing Static (Tray)	90/3	°C/Hours	--
Maximum Moisture Content for Process	0,02	%	--

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