

**Product Description**

High Impact, Polyamide 66

**General Considerations**

Resin ID (ISO 1043)	· PA66	
Additive	· High Impact	
Processing	· Injection Molding	· Extrusion
Color	· Natural	

<b>Physical</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Density / Specific Gravity	1,07 to 1,09	g/cm <sup>3</sup>	ASTM D 792/A

<b>Mechanical</b>	<b>DAM</b>	<b>50%RH</b>	<b>Unit</b>	<b>Method</b>
Yield Stress	50	40	MPa	ISO 527
Yield Strain	50	-	%	ISO 527
Tensile Modulus	1950	900	MPa	ISO 527
Flexural Modulus	1750	650	MPa	ISO 178
Izod Notched Impact Strength			kJ/m <sup>2</sup>	ISO 180/1A
23°C	80	100		

<b>Thermal</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Heat Deflection Temperature		°C	ISO 75-1-2
1,82 MPa	60		
0,45 MPa	180		
Melting Point	260	°C	--

<b>Flammability</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Flame Rating	HB	-	UL94

<b>Process</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Molding Process Temperature	270 to 290	°C	--
Mold Temperature	60 to 80	°C	--
Drying	80/5	°C/Hours	--

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