

**Product Description**

Impact Modified, Polyamide 66

**General Considerations**

Resin ID (ISO 1043)	· PA66
Processing	· Injection Molding
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	1,08 to 1,12	g/cm <sup>3</sup>	ASTM D 792
Mold Shrinkage	1,5 to 1,7	%	ASTM D 955
Water Absorption	1,2	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	45	MPa	ISO 527-1-2
Elongation at Break	35	%	ISO 527-1-2
Tensile Modulus	1200	%	ISO 527-1-2
Flexural Strength	60	MPa	ISO 178
Flexural Modulus	1300	MPa	ISO 178
Izod Notched Impact Strength 23°C	5	kJ/m <sup>2</sup>	ISO 180/1A

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	ISO 3146-A
Heat Deflection Temperature 1,82 Mpa	65	°C	ASTM D 648

Flammability	Value	Unit	Method
Flame Rating (3,2 mm)	HB	--	UL94

Process	Value	Unit	Method
Molding Process Temperature	270 to 290	°C	--
Mold Temperature	80 to 100	°C	--
Drying	80/4	°C/Hours	--

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