

Product Description

Impact Modified, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· >PA 66-I <
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	1,10	g/cm³	ISO 1183
Mold Shrinkage		%	ISO 294-4
Normal, 2,0 mm	1,7		
Parallel, 2.0 mm	1,5		
Water Absorption (Immersion 24h)	1,28	%	ISO 62

Mechanical	Value	Unit	Method
Yield Stress	62	MPa	ISO 527
Yield strain	5	%	ISO 527
Nominal Strain at Break	24	%	ISO 527
Tensile Modulus	2500	MPa	ISO 527
Tensile Stress at 50% Strain	65	%	ISO 527
Flexural Modulus	2300	MPa	ISO 178
Notched Charpy Impact Strenght		J/m	ISO 179/1eA
23°C	21		

Thermal	Value	Unit	Method
Heat Deflection Temperature		°C	ISO 75-1/-2
0,45 MPa	205		
1,82 MPa	66		
Melting Point	250 to 265	°C	ISO 11357-1/-3
Flammability	HB	--	UL 94

Process	Value	Unit	Method
Molding Process Temperature	270 to 290	°C	--
Mold Temperature	70	°C	--
Drying	80-90 / 2-4	°C/Hours	--
Maximum Moisture Content for Process	0,2	%	--

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