

**Product Description**

33% Glass Fiber, Heat Stabilized, UV Resistant, Polyamide 66

**General Considerations**

Resin ID (ISO 1043)	· >PA66 GF33<
Additive	· Heat Stabilized
Processing	· Injection Molding
Color	· Black

<b>Physical</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Density / Specific Gravity	1.39	g/cm <sup>3</sup>	ISO 1183
Ash content	33 ± 2	%	ISO 3451-1/A
Mold Shrinkage	0.3 to 0.7	%	ASTM D 955

<b>Mechanical</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Tensile Strength	140	MPa	ASTM D-638
Strain at Break	4	%	ASTM D-638
Flexural Strength	238	MPa	ASTM D-790
Flexural Modulus	10000	MPa	ASTM D-790
Notched IZOD Impact (23°C)	118	J/m	ASTM D-256

<b>Thermal</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Melting Point	262	°C	ASTM D2217
Heat Deflection Temperature		°C	ASTM D 648
1,82 MPa	255		
Flammability	HB		UL94

<b>Electrical</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Volume Resistivity	10E+14	ohm.cm	ASTM D 257

<b>Process</b>		<b>Unit</b>	<b>Method</b>
Molding Process Temperature	270 to 290	°C	--
Mold Temperature	80 to 120	°C	--
Drying	80 / 3	°C/Hours	--

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