

**Product Description**

30% Glass Fiber, Heat Stabilized, UV-Protection, Hydrolysis Resistant, Polyamide 66

**General Considerations**

Resin ID (ISO 1043)	· PA66-GF30
Filler / Reinforcement	· Glass Fiber, 30% Filler by Weight
Additive	· Heat Stabilized · UV Protection
	· Hydrolysis Resistant
Processing	· Injection Molding · Extrusion
Color	· Black
Data	· VW TL52062

Physical	Value	Unit	Method
Density / Specific Gravity	1,36	g/cm <sup>3</sup>	ASTM D 792/A
Mold Shrinkage		%	ISO 294-4
Parallel	0,5		
Normal	0,8		
Water Absorption		%	ISO 62
Equilibrium (23°C)	0,8		

Mechanical	Value	Unit	Method
Yield Stress	180	MPa	ISO 527-1-2
Yield Strain	5	%	ISO 527-1-2
Flexural Strength	250	MPa	ISO 178
Flexural Modulus	8000	MPa	ISO 178
Izod Notched Impact Strength		kJ/m <sup>2</sup>	ISO 180/1A
23°C	10		
Charpy Notched Impact Strength		kJ/m <sup>2</sup>	ISO 179/1eA
23°C	12		

Thermal	Value	Unit	Method
Melting Point	260	°C	--
Heat Deflection Temperature		°C	ISO 75-1-2
1,80 MPa	255		

Process		Unit	Method
Molding Process Temperature	270 to 290	°C	--
Mold Temperature	60 to 90	°C	--
Drying	90/4	°C/Hours	--

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