

Product Description

20% Glass Fiber, 10% Glass Bead, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66 GF20 GB10
Filler / Reinforcement	· Glass Fiber/Glass Bead, 30% Filler by Weight
Processing	· Injection Molding · Extrusion
Color	· Natural

- The information below is for information purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
Density / Specific Gravity	1,38	g/cm ³	ASTM D 792/A

Mechanical	Value	Unit	Method
Tensile Strength	140	MPa	ASTM D 638
Elongation at break	4	%	ASTM D 638
Flexural Strength	238	MPa	ASTM D 790
Flexural Modulus	7200	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	80	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,8 Mpa	255	°C	ASTM D 648
Melting point	260	°C	ISO 3146/A

Flammability	Value	Unit	Method
Flame Rating	HB	-	UL94

Process		Unit	Method
Molding Process Temperature	270 to 290	°C	--
Mold Temperature	80 to 120	°C	--
Drying	80/4	°C/Hours	--

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