

Product Description

20% Glass Fiber, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66 GF20
Filler / Reinforcement	· Glass Fiber, 20% Filler by Weight
Processing	· Injection Molding · Extrusion
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	1.29 to 1.30	g/cm ³	ASTM D 792
Mold Shrinkage	0.6 to 0.9	%	ASTM D 955

Mechanical	Value	Unit	Method
Tensile Strength	130	MPa	ASTM D 638
Elongation at Break	3,5	%	ASTM D 638
Flexural Strength	190	MPa	ASTM D 790
Flexural Modulus	5300	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	60	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	--
Heat Deflection Temperature 1,82 MPa	238	°C	ASTM D 648
Flammability	HB	-	UL 94

Process	Value	Unit	Method
Molding Process Temperature	285 to 305	°C	--
Mold Temperature	70 to 120	°C	--
Drying	80/4	°C/Hours	--

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