


Product Information	SN6400G30B	 Sam Polymer Bonyan
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Product Description

SN6400G30B is a black PA6 reinforced by 30% glass fiber.

Property	Test Method (ASTM)	Test Condition	Value	Unit
PHYSICAL				
Density	D792	23°C	1.32	g/cm ³
Mold Shrinkage	D955	In Flow, (2 mm, 60 MPa)	0.4	%
		Cross Flow, (2 mm, 60 MPa)	0.7	%
MECHANICAL				
Tensile Strength, Break	D638	23°C	118	MPa
Tensile Elongation, Break	D638	23°C	3.1	%
Flexural Strength	D790	23°C	179	MPa
Flexural Modulus	D790	23°C	6200	MPa
Izod Impact Strength	D256	notched, 23°C	8.5	KJ/m ²
THERMAL				
Melting Point	D3418	-	220	°C
Vicat Softening Temperature	D1525	50 N, heating rate 50 °C/h	187	°C
Heat Deflection Temperature (HDT)	D648	0.45 Mpa	203	°C
		1.80 Mpa	191	°C

Processing Guidelines

Predrying	Drying Time: 2-6 h	Drying Temperature: 80-100 °C
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Injection Molding	Cylinder Temperature (°C)	Mold Temperature (°C)	Injection Speed	Injection Pressure (MPa)
	240-260	80-100	Medium	60-120

*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.