

FORMPOLY® SN6GF30ST BLACK

polyamide 6



FORMPOLY SN6GF15ST BLACK is a 30% glass fiber reinforced nylon 6 that has excellent mechanical and thermal properties with reduced shrinkage. This product is only available for sale in India.

Regional Availability

General	•		
Features	• Excellent Processability • Good Surface Finish	• General Purpose • Good Toughness	• Good Strength
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	dry	cond.	Unit	Test Standard
Density	1.35	-	g/cm ³	ISO 1183

Mechanical	dry	cond.	Unit	Test Standard
Tensile Stress (Break, 23°C)	150	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3	-	%	ISO 527-2
Flexural Modulus (23°C)	7000	-	MPa	ISO 178
Flexural Strength (23°C)	190	-	MPa	ISO 178

Impact	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	7.5	-	kJ/m ²	ISO 180/1A

Injection	Value	Unit
Drying Temperature	80 - 90	°C
Drying Time	3 - 4	h
Rear Temperature	230 - 270	°C
Middle Temperature	230 - 270	°C
Front Temperature	230 - 270	°C
Nozzle temperature	230 - 270	°C
Processing (Melt) Temperature	230 - 270	°C
Mold Temperature	80 - 90	°C