

FORMPOLY® SN66GF30LT BLACK

polyamide 66



FORMPOLY SN66GF30LT BLACK is a lubricated 30% glass fiber reinforced nylon 66 that has excellent mechanical and thermal properties with reduced shrinkage. This product is only available for sale in India.

Regional Availability

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

Physical

	dry	cond.	Unit	Test Standard
Density	1.38	-	g/cm ³	ISO 1183

Mechanical

	dry	cond.	Unit	Test Standard
Tensile Stress (Break, 23°C)	170	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3	-	%	ISO 527-2
Flexural Modulus (23°C)	8000	-	MPa	ISO 178
Flexural Strength (23°C)	230	-	MPa	ISO 178

Impact

	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	6	-	kJ/m ²	ISO 180/1A

Injection

	Value	Unit
Drying Temperature	80 - 90	°C
Drying Time	3 - 4	h
Rear Temperature	280 - 310	°C
Middle Temperature	280 - 310	°C
Front Temperature	280 - 310	°C
Nozzle temperature	280 - 310	°C
Processing (Melt) Temperature	285 - 305	°C
Mold Temperature	65 - 95	°C