

FORMPOLY® N6GF30LT BLACK

polyamide 6



FORMPOLY N6GF30LT BLACK is a lubricated 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	•			
Additive	• Lubricant			
Features	• Excellent Processability • Good Toughness	• General Purpose • Lubricated	• Good Strength	
Appearance	• Black			
Forms	• Pellets			
Processing Method	• Injection Molding			

Physical	dry	cond.	Unit	Test Standard
Density	1.36	-	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

Impact	dry	cond.	Unit	Test Standard
Charpy Unnotched Impact Strength, +23°C	5	-	kJ/m ²	ISO 179/1eU

Thermal	dry	cond.	Unit	Test Standard
Heat Deflection Temperature, 1.80 MPa, Unannealed	200	-	°C	ISO 75-2/A

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