

FORMPOLY® N66GF30FRP NATURAL

polyamide 66



FORMPOLY N66GF30FRP NATURAL is 30% glass fiber reinforced nylon 66 flame retardant grade. This product is only available for sale in India.

Regional Availability

General	•
Additive	• Flame Retarding Agent
Features	• Excellent Processability • Flame Retardant • General Purpose
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Physical	dry	cond.	Unit	Test Standard
Density	1.39	-	g/cm ³	ISO 1183

Mechanical	dry	cond.	Unit	Test Standard
Tensile Stress (Break, 23°C)	145	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3	-	%	ISO 527-2

Impact	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	5	-	kJ/m ²	ISO 180/1A

Thermal	dry	cond.	Unit	Test Standard
Heat Deflection Temperature, 1.80 MPa, Unannealed	190	-	°C	ISO 75-2/A

Flammability	Value	Test Standard
Flammability 1.60 mm	V-0	UL 94

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