

FORMPOLY® N6GP28T BLACK

polyamide 6



FORMPOLY N6GP28T BLACK is an unfilled nylon 6 with excellent mechanical properties. This product is only available for sale in India.

Regional Availability

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

Physical	dry	cond.	Unit	Test Standard
Density	1.13	-	g/cm ³	ISO 1183

Mechanical	dry	cond.	Unit	Test Standard
Tensile Stress (Yield, 23°C)	60	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3	-	%	ISO 527-2
Flexural Modulus (23°C)	2200	-	MPa	ISO 178
Flexural Strength (23°C)	95	-	MPa	ISO 178

Impact	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	4	-	kJ/m ²	ISO 180/1A

Thermal	dry	cond.	Unit	Test Standard
Heat Deflection Temperature, 1.80 MPa, Unannealed	70	-	°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