

# FORMPOLY® SN6GF13V2 GREY ASCEND®

polyamide 6 PERFORMANCE MATERIALS

FORMPOLY SN6GF13V2 GREY is a 13% glass fiber reinforced nylon 6 flame retardant grade. This product is only available for sale in India.

## Regional Availability

General	•
Additive	• Flame Retarding Agent
Features	• Excellent Processability • Flame Retardant • Good Electrical Properties • Halogen Content, None
Appearance	• Grey
Forms	• Pellets
Processing Method	• Injection Molding

## Physical

	dry	cond.	Unit	Test Standard
Density	1.26	-	g/cm <sup>3</sup>	ISO 1183

## Mechanical

	dry	cond.	Unit	Test Standard
Tensile Stress (Break, 23°C)	80	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3	-	%	ISO 527-2
Flexural Modulus (23°C)	4300	-	MPa	ISO 178
Flexural Strength (23°C)	110	-	MPa	ISO 178

## Impact

	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	3	-	kJ/m <sup>2</sup>	ISO 180/1A

## Flammability

	Value	Unit	Test Standard
Flammability			UL 94
0.800 mm	V-2	-	
Glow Wire Flammability Index			IEC 60695-2-12
1.60 mm	960	°C	

## Injection

	Value	Unit
Drying Temperature	80 - 90	°C
Drying Time	3 - 4	h
Rear Temperature	240 - 250	°C
Middle Temperature	240 - 260	°C
Front Temperature	250 - 270	°C
Nozzle temperature	250 - 270	°C

+135-3858-6433 (GuangDong)  
+188-1699-6168 (ShangHai)  
+852-6957-5415 (HongKong)

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Processing (Melt) Temperature	250 - 270	°C
Mold Temperature	50 - 90	°C

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