

FORMPOLY® SN6MG25V2G GREY

polyamide 6



FORMPOLY SN6MG25V2G GREY is a 25% of glass fiber with mineral filler flame retardant nylon 6. This product is only available for sale in India.

Regional Availability

General	•
Additive	• Flame Retarding Agent
Features	• Flame Retardant • Good Stiffness • Halogen Content, None
Appearance	• Grey
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)	65	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2	-	%	ISO 527-2
Flexural Modulus (23°C)	4000	-	MPa	ISO 178
Flexural Strength (23°C)	95	-	MPa	ISO 178

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

Thermal	dry	cond.	Unit	Test Standard
Melting Temperature	220	*	°C	ISO 11357-3

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

Injection	Value	Unit
Drying Temperature	80 - 90	°C
Drying Time	3 - 4	h
Rear Temperature	280 - 310	°C
Middle Temperature	280 - 310	°C

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PERFORMANCE MATERIALS

Front Temperature	280 - 310	°C
Nozzle temperature	280 - 310	°C
Processing (Melt) Temperature	285 - 305	°C
Mold Temperature	65 - 95	°C