

Vydyne® SN6GF30HSL NATURAL

polyamide 6



Vydyne SN6GF30HSL NATURAL is a heat stabilized, lubricated 30% glass fiber reinforced nylon 6 with excellent mechanical and thermal properties. This product is only available for sale in India.

Regional Availability

General	•		
Additive	• Heat Stabilizer	• Lubricant	
Features	• Excellent Processability • Heat Stabilized	• General Purpose • Lubricated	• Good Strength
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	dry	cond.	Unit	Test Standard
Density	1.35	-	g/cm ³	ISO 1183
Mechanical	dry	cond.	Unit	Test Standard
Tensile Stress (Break, 23°C)	170	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3	-	%	ISO 527-2
Flexural Modulus (23°C)	8500	-	MPa	ISO 178
Flexural Strength (23°C)	250	-	MPa	ISO 178
Impact	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	9	-	kJ/m ²	ISO 180/1A
Thermal	dry	cond.	Unit	Test Standard
Heat Deflection Temperature				ISO 75-2/A
1.80 MPa, Unannealed	205	-	°C	
0.45 MPa, Unannealed	210	-	°C	
Melting Temperature	220	*	°C	ISO 11357-3
Flammability	Value			Test Standard
Flammability				UL 94
1.60 mm	HB			
3.00 mm	HB			

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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