

# TRIMID® N66-G13HL

Polyamide 66

Polymer Technology and Services, LLC

## Message:

TRIMID® N66-G13HL is a polyamide 66 (nylon 66) product, which contains a 13% glass fiber reinforced material. It can be processed by injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

Features include:

heat stabilizer

Lubrication

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 13% filler by weight		
Additive	heat stabilizer Lubricant		
Features	Thermal Stability Lubrication		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	117	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	4690	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.17 mm)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	243	°C	ASTM D648
Additional Information			
Maximum Service Temperature, Air: 469°F			
Injection	Nominal Value	Unit	
Drying Temperature	71.1	°C	
Drying Time	4.0	hr	
Rear Temperature	254	°C	
Middle Temperature	268	°C	
Front Temperature	285	°C	
Nozzle Temperature	266 - 282	°C	
Processing (Melt) Temp	271 - 293	°C	
Mold Temperature	26.7 - 93.3	°C	

Injection Pressure	68.9	MPa
Back Pressure	0.0689 - 0.689	MPa
Screw Speed	30 - 60	rpm

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#### Recommended distributors for this material

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