

TRIMID® N66-G33HL

Polyamide 66

Polymer Technology and Services, LLC

Message:

TRIMID® N66-G33HL is a Polyamide 66 (Nylon 66) product filled with 33% glass fiber. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Heat Stabilizer

Lubricated

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
	Lubricant		
Features	Heat Stabilized		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	200	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	8960	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.17 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	ASTM D648
Melting Temperature	253	°C	
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 to 282	°C	
Processing (Melt) Temp	271 to 293	°C	
Mold Temperature	26.7 to 93.3	°C	
Injection Pressure	68.9	MPa	

Back Pressure	0.0689 to 0.689	MPa
Screw Speed	30 to 60	rpm

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Recommended distributors for this material

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