

TRIMID® N66-T100HL

Polyamide 66

Polymer Technology and Services, LLC

Message:

TRIMID® N66-T100HL is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Good Toughness

Heat Stabilizer

Lubricated

General Information			
Additive	Heat Stabilizer		
	Lubricant		
Features	Good Toughness		
	Heat Stabilized		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	57.2	MPa	ASTM D638
Tensile Elongation (Break)	48	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength (Yield)	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.17 mm)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Melting Temperature	254	°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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