

LubriOne™ NN-25GB/15T

Polyamide 66
PolyOne Corporation

Message:

LubriOne™ NN-25GB/15T is a Polyamide 66 (Nylon 66) product filled with 25% glass bead. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of LubriOne™ NN-25GB/15T include appliances, conveyors and printing applications. Primary characteristic: lubricated.

General Information			
Filler / Reinforcement	Glass Bead,25% Filler by Weight		
Additive	PTFE Lubricant		
Features	Lubricated		
Uses	Appliance Components		
	Conveyor Parts		
	Printer Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3200	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	53.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	5.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	28	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	240	°C	ISO 75-2/B
1.8 MPa, Unannealed	152	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0 to 4.0	hr	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	50.0 to 90.0	°C	

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