

LubriOne™ NN-000/20T NATURAL

Polyamide 66

PolyOne Corporation

Message:

PTFE filled PA66 compound with improved wear resistant property

General Information			
UL YellowCard	E76261-101454999		
Features	Lubrication		
RoHS Compliance	RoHS compliance		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5 - 2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	55.0	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Flexural Strength	95.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	195	°C	ASTM D648
1.8 MPa, not annealed	65.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.5 mm	HB		UL 94
3.0 mm	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80 - 90	°C	
Drying Time	4.0 - 6.0	hr	
Processing (Melt) Temp	260 - 280	°C	
Mold Temperature	65 - 85	°C	

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