

NYPOL S3 G30 M2 N1 HS NTLA014 NB329 MSP

Product Description

30% Glass Fiber, Highly Lubricated, Bio-based Polyamide 5.6

General Considerations

Resin	· >PA-GF30<	
Filler / Reinforcement	· Glass Fiber, 30% Filler by Weight	
Additive	· Heat Stabilized	· Lubrificants
Processing	· Injection Molding	
Color	· Natural	

Physical	Value	Unit	Method
Density / Specific Gravity	1,38	g/cm ³	ASTM D 792
Mold Shrinkage		%	ISO 294-4
Parallel	0,5		
Normal	0,8		
Water Absorption		%	ISO 62
Equilibrium (23°C)	0,8		

Mechanical	Value	Unit	Method
Tensile Strength	145	MPa	ISO 527-1-2
Strain at Break	4	%	ISO 527-1-2
Flexural Strength	220	MPa	ISO 527-1-2
Flexural Modulus	9500	MPa	ISO 178
Izod Notched Impact Strength		kJ/m ²	ISO 180/1A
23°C	10		

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	--

Flammability	Value	Unit	Method
Flame Rating	HB	-	UL94

Process		Unit	Method
Molding Process Temperature	250 to 265	°C	--
Mold Temperature	40 to 90	°C	--
Drying	80/4	°C/Hours	--

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