

NYPOL S3 HS NTLA013 NB305 MSP

Product Description

Lubricated, Heat Stabilized, Bio-based Polyamide 5.6

General Considerations

Resin	· >PA<	
Additive	· Lubricated	· Heat Stabilized
Processing	· Injection Molding	
Color	· Natural	

Physical	Value	Unit	Method
Density / Specific Gravity	1,14	g/cm ³	ASTM D 792

Mechanical	Value	Unit	Method
Yield Stress	65	MPa	ISO 527-1-2
Yield Strain	5,0	%	ISO 527-1-2
Flexural Strength	130	MPa	ISO 178
Flexural Modulus	2800	MPa	ISO 178
Izod Notched Impact Strength 23°C	5,0	kJ/m ²	ISO 180/1A

Flammability	Value	Unit	Method
Glow Wire @ 2,0 mm	960	°C	IEC 60695-2-1

Process		Unit	Method
Molding Process Temperature	240 to 250	°C	--
Mold Temperature	40 to 90	°C	--
Drying	80/4	°C/Hours	--

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