

NYPOL S3 HL NTLA010 NB341

Product Description

Lubricated, Bio-based Polyamide 5.6

General Considerations

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

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

Mechanical	Value	Unit	Method
Tensile Strength	77	MPa	ISO 527-1-2
Elongation at Break	5,5	%	ISO 527-1-2
Flexural Strength	120	MPa	ISO 178
Flexural Modulus	2350	MPa	ISO 178
Izod Notched Impact Strength 23°C	4,7	kJ/m ²	ISO 180/1A

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	ISO 3146/A

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

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