

NYPOL S3 HS MT NTLA010 NB327 MSP

Product Description

High Impact, Heat Stabilized, Bio-based polyamide 5.6

General Considerations

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,10	g/cm ³	ASTM D 792

Mechanical	Value	Unit	Method
Tensile Strength	60	MPa	ISO 527-1-2
Strain at Break	24	%	ISO 527-1-2
Tensile Modulus	2500	MPa	ISO 527-1-2
Flexural Modulus	2300	MPa	ISO 178
Izod Notched Impact Strength 23°C	70	kJ/m ²	ISO 180/1A

Flammability	Value	Unit	Method
Flame Rating	HB	-	UL94

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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