

Product description: NuNus PLA ist ein Filament auf der Basis von Polylactid, das zu den aliphatischen Polymeren gehört. Es ist vollständig biologisch abbaubar. Sorgfältig ausgewählte Farbkonzentrate verleihen den aus NuNus PLA hergestellten Artikeln intensive Farben in einem breiten Spektrum. Darüber hinaus gewährleistet die Wahl einer geeigneten Farbstoffbasis für die Pellets zur Filament-Extrusion einen hocheffizienten Druck mit einer extrem guten Haftung der Druckerzeugnisse auf den Baubetten von FDM/FFF-3D-Druckern.

Physical properties of the product:

Diameter of filament	1.75 mm / 2.85 mm
Dimensional tolerance of filament	+/- 0.05 mm
Roundness of filament	+/- 0.02 mm
Surface of the material	High Gloss
Shrinkage of the material	Very low
Product weight	1.0 kg net, 1.4 kg gross
Spool - material	Transparent polycarbonate
Packaging	Printed cardboard
Package size	~230x210x80 mm
Vacuum packing	Yes
Moisture absorber	Yes

Suggested printing parameters:

Hotend	185-215° C
Heated bed	0-60° C
Cooling the printout	Optional

Due to the structural differences of printers, the above figures should be considered as guidelines and the corresponding values must be determined experimentally.

Physical properties of the material:

Specific Density	1.23 g/cm ³ -
Glass Transition Temperature	80° C
Moisture	≤ 0.3%
Tensile Strength at Break	53 MPa (D 882)
Tensile Yield Strength	60 MPa (D 882)
Tensile Modulus	3.5 Gpa (D 882)
Heat Distortion Temperature	55° C (E 2092)

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