

TECHNICAL DATASHEET:

Description

Plexiwire NYLON is a PA6/66 3D printing filament for FDM/FFF printers, available in 400m and 300m spools in 2 colors.

Typical Material Properties

Property	Test Method	Unit	Result
Melt Flow Index	ISO 1133-1:2011	g/10min	-
Density	DINENISO1183-1-2013	g/cm ³	1,1
Tensile strength	ISO 527-2	MPA	66,1
Softening point	ISO 306: 2004	C	160

Filament Specification

Nominal diameter: 1,75 mm

Diameter tolerance: +-3%

Ovality: >= 97%

Available colors: natural, black.

Netto filament weight: 400m = 1,1kg +- 5% 300m = 0,825kg +- 5%

Typical printing settings

Nozzle temperature: 250-265 C

Bed temperature: 100-120 C

*no melt flow index for NYLON

*tested and approved by lab of KharPlastMass. Protocol #166 from 22.05.2019