

TECHNICAL DATASHEET:

Description

Plexiwire PLA is a PLA 3D printing filament for FDM/FFF printers, available in 400m and 300m spools in 14 colors.

Typical Material Properties

Property	Test Method	Unit	Result
Melt Flow Index	ISO 1133-1:2011	g/10min	4,8
Density	DINENISO1183-1-2013	g/cm ³	1,2
Tensile strength	ISO 527-2	MPA	87,5
Softening point	ISO 306: 2004	C	60

Filament Specification

Nominal diameter: 1,75 mm

Diameter tolerance: +-3%

Ovality: >= 97%

Available colors: natural, white, black, yellow, green, red, blue, light blue, lime green, pink, brown, purple, orange, grey.

Netto filament weight: 400m = 1,185kg +- 5% 300m = 0,900kg +- 5%

Typical printing settings

Nozzle temperature: 205-220 C

Bed temperature: 40-60 C

*melt flow index tested on 190C

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