

## TECHNICAL DATASHEET:

### Description

Plexiwire FLEX is a Term Polyurethane 3D printing filament for FDM/FFF printers, available in 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 <sup>3</sup>	1,2
Tensile strength	ISO 527-2	MPA	29,7
Softening point	ISO 306: 2004	C	100

### Filament Specification

Nominal diameter: 1,75 mm

Diameter tolerance: +-3%

Ovality: >= 97%

Available colors: natural, black, grey.

Netto filament weight: 300m = 0,9kg +- 5%

### Typical printing settings

Nozzle temperature: 230-250 C

Bed temperature: 50-80 C

\*no melt flow index for FLEX

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