

IGUS iglidur® I180-PF Filament

Description

Developed for the 3D printing materials are up to 50 times more abrasion resistant than conventional 3D printing materials. This results located in the construction of subject to wear Sliding members new degrees of freedom: Special parts and prototypes from the 3D printer with tested life.

Application

Prototypes, small series, moving parts

Storage and Shelf Life

Store at around room temperature (18 to 27 °C [65–80 °F]) and protect from direct heat or sunlight. Keep sealed in an air tight container, away from humidity.



True Colours Available

Color: white

Values refer to the raw material and may vary depending on the printing direction or settings

Properties	Test Condition	Test Method	Unit	Value
Flexural Modulus	15mm/min	DIN 53452	Mpa	1000
Tensile Strength	50mm/min	DIN 53457	Mpa	44
long time Temperature			°C	80
short time Temperature			°C	90
lowest Temperature			°C	-40
Specific Gravity		ISO1183	g/cm ³	1,21
water absorption			%	0,9

Print Settings EVOlizer

Extruder: 220 – 265 °C

Heatbed: 90 – 110 °C °C

Print on. EVO-tech Printbed

[IGUS Website](#)