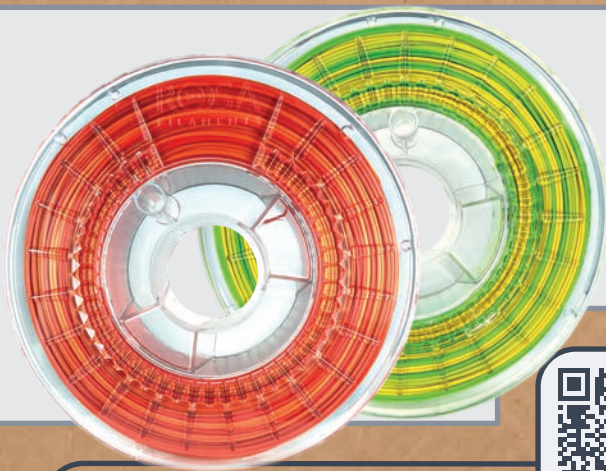


R^{3D}SA MULTICOLOUR FILAMENTS PLA SILK



blend base on PLA

easy printing

smoothly changing colors

great precision

silk effect

no odor



MORE INFO

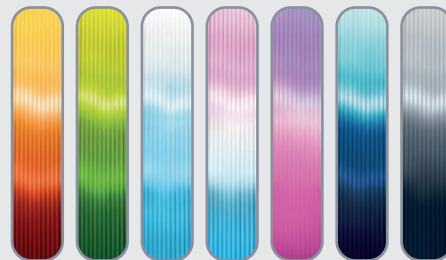
PACKAGING:
800 g
OEM

DIAMETER:
1,75 mm



Take care of
environment with
ROSA3D
biopackaging

COLOURS:



fire

jungle

frozen

candy

flower

pacific

moon

ISO 9001 14001

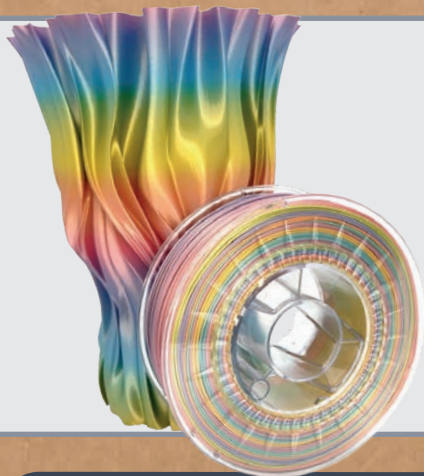
MANUFACTURED IN POLAND (EU)

R3D SA

FILAMENTS

RAINBOW

PLA SILK



blend base on PLA

easy printing

7 colours

smoothly changing colours each 240g

1 colour ~ 12 m

silk effect



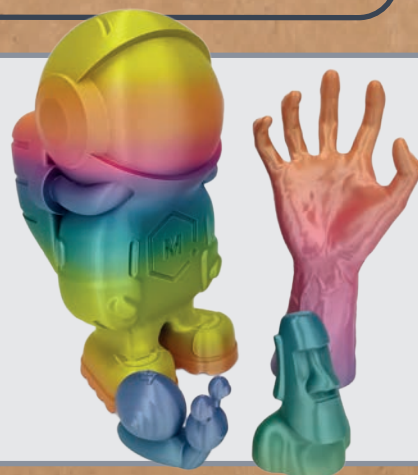
MORE INFO

PACKAGING:

800 g

DIAMETER:

1.75 mm



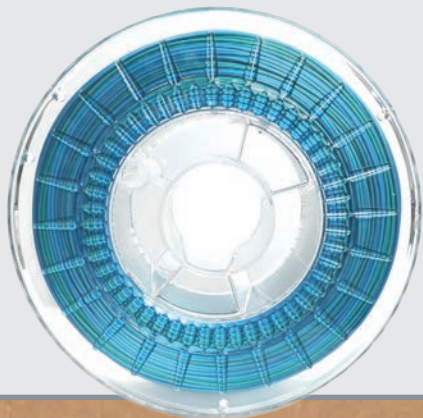
Take care of
environment with
R3D SA 3D
biopackaging

ISO 9001 14001

MANUFACTURED IN POLAND (EU)

R3D SA
FILAMENTS

RAINBOW PLA SILK



blend base on PLA

easy printing

7 colours

smoothly changing colours each 240g

1 colour ~ 12 m

silk effect



MORE INFO

PACKAGING:

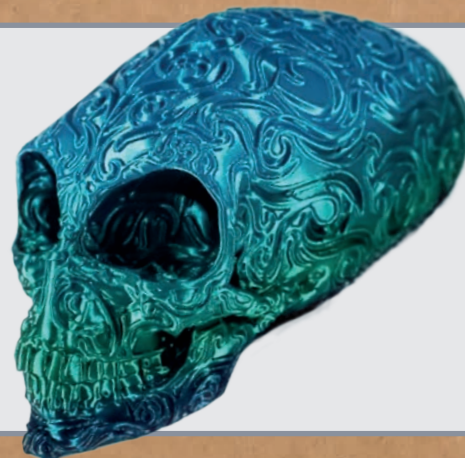
800 g

DIAMETER:

1.75 mm



Take care of
environment with
R3D SA
biopackaging



**ISO 9001
14001**

MANUFACTURED IN POLAND (EU)



- biodegradability
- easy printing
- food contact
- no odor
- many colours



MORE INFO

APPLICATIONS:

- decorations (e.g. interior design elements, such as lamp shades or vases)
- toys (e.g. figurines)
- gadgets (e.g. keyrings, pendants)
- prototypes
- your idea ...

PACKAGING:

- 800 g
- Refill 1000 g
- 3000 g
- OEM

DIAMETER:

- 1.75 mm
- 2.85 mm
- OEM

DIFFICULTY

easy experienced

THERMAL RESISTANCE

low high

MECHANICAL RESISTANCE

low high

FLEXIBILITY

low high

Take care of environment with ROSA3D biopackaging

ISO 9001 14001

MANUFACTURED IN POLAND (EU)

BASIC COLOURS:



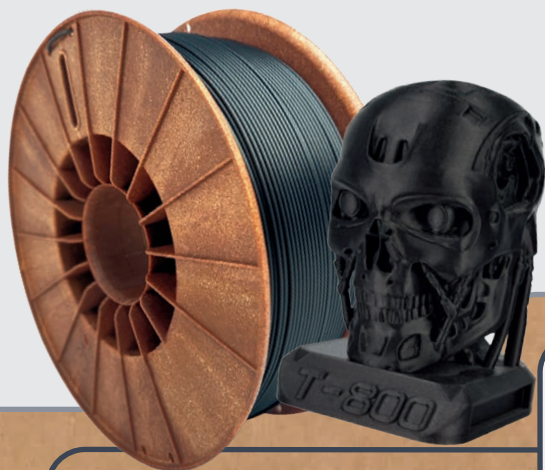
SPECIAL COLOURS:



SILK COLOURS:



Take care of
environment with
ROSA3D
biopackaging



MORE INFO

APPLICATIONS:

- decorative elements
- toys and figurines
- jewellery
- gadgets and keyrings
- aesthetically pleasing objects
- your idea ...

COLOURS:



satin black

Take care of environment with ROSA3D biopackaging

PACKAGING:

500 g
1000 g
OEM

DIAMETER:

1,75 mm
2,85 mm
OEM

- biofriendly
- no odor
- satin surface, no visible layers
- great precision
- minimized abrasion
- brass nozzles compatible



DIFFICULTY

easy experienced

THERMAL RESISTANCE

low high

MECHANICAL RESISTANCE

low high

FLEXIBILITY

low high

ROSA

FILAMENTS

GLOW in the DARK

PET-G | PLA | ROSA-Flex TPU



PACKAGING:
500 g
OEM
DIAMETER:
1,75 mm
OEM

SOLID

PLA COLOURS:



PET-G COLOURS:

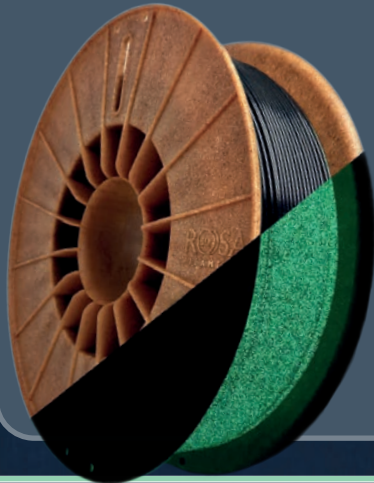


ROSA-FLEX COLOURS:



MORE INFO

GALAXY



PACKAGING:
500 g
OEM
DIAMETER:
1,75 mm
OEM

Take care of
environment with
ROSA3D
biopeckaging



ISO 9001 14001

MANUFACTURED IN POLAND (EU)



MORE INFO

APPLICATIONS:

- prototyping
- low-volume production
- machine parts
- housings
- your idea ...

COLOURS:



white



black



gray

Take care of
environment with
ROSA3D
biopackaging

PACKAGING:

1000 g
3000 g
OEM

DIAMETER:

1.75 mm
2.85 mm
OEM

biodegradable

no odor

HDT 55/85°C

food contact

high impact strength

postprocessing



DIFFICULTY

easy

experienced

THERMAL RESISTANCE*

low

high

MECHANICAL RESISTANCE*

low

high

FLEXIBILITY

low

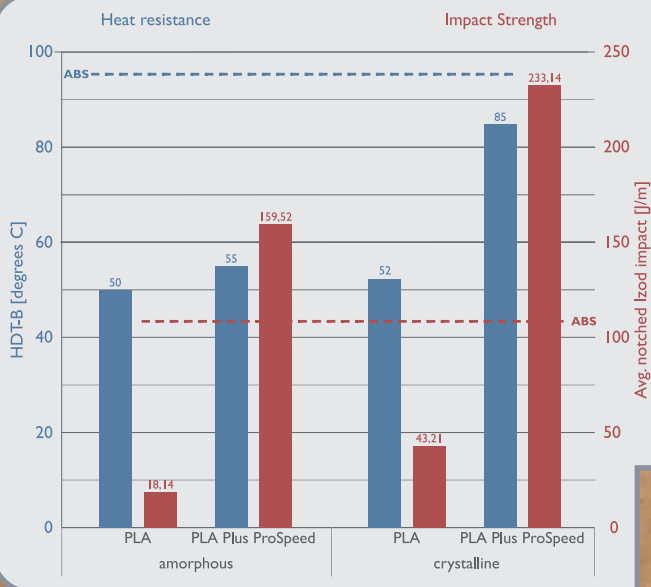
high

* after crystallization

ISO 9001 14001

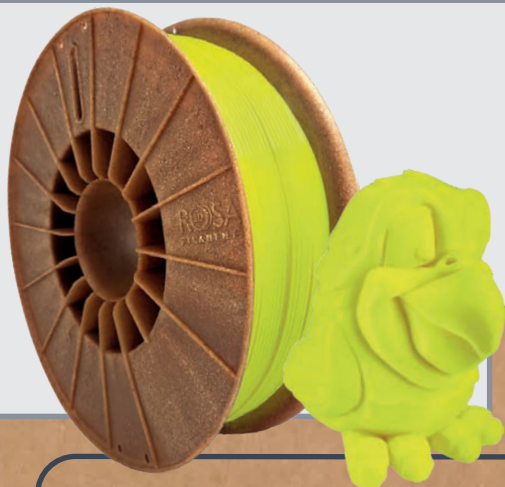
MANUFACTURED IN POLAND (EU)

PLA Plus ProSpeed filament by ROSA3D was created for technical applications. Perfect for printing at high speed on industrial printers. While maintaining the ease of printing from PLA, it offers better mechanical and temperature resistance than PLA Starter. The impact strength of PLA Plus ProSpeed measured by the Izod method is almost 1.5 times higher than that of standard ABS, and after crystallization - more than twice as high.



The use of PLA Plus ProSpeed enables mechanical processing of printed elements, which is very difficult or impossible with basic PLA. The manufactured elements can be grinded, milled, drilled, turned etc. Due to noticeable reduction in shrinkage compared to basic PLA, large-size elements can be printed.

The filament is made of a biodegradable biopolymer and is an alternative to styrene-based materials (such as ABS). PLA Plus ProSpeed provides excellent print quality, good adhesion to the heatbed, less warping and no irritating smell.



MORE INFO

chemical resistance

Vicat 78°C

UL 94: V2

no odor

food contact

great precision

postprocessing



APPLICATIONS:

- prototypes, large-size prints, housings / shades, handles , decorative elements
- your idea ...

COLOURS:



PACKAGING:

800 g
3000 g
1000 g refill
OEM

DIAMETER:

1,75 mm
2,85 mm
OEM

Take care of environment with ROSA3D biopackaging

DIFFICULTY

easy experienced

THERMAL RESISTANCE

low high

MECHANICAL RESISTANCE

low high

FLEXIBILITY

low high



satin surface, no visible layers

Vicat 78°C

postprocessing

great precision

no odor

low stringing

brass nozzles compatible



MORE INFO

APPLICATIONS:

- prototypes
- housings
- decorative elements
- your idea ...

COLOURS:



satin black

PACKAGING:

500 g
1000 g
OEM

DIAMETER:

1,75 mm
2,85 mm
OEM

DIFFICULTY

easy experienced

THERMAL RESISTANCE

low high

MECHANICAL RESISTANCE

low high

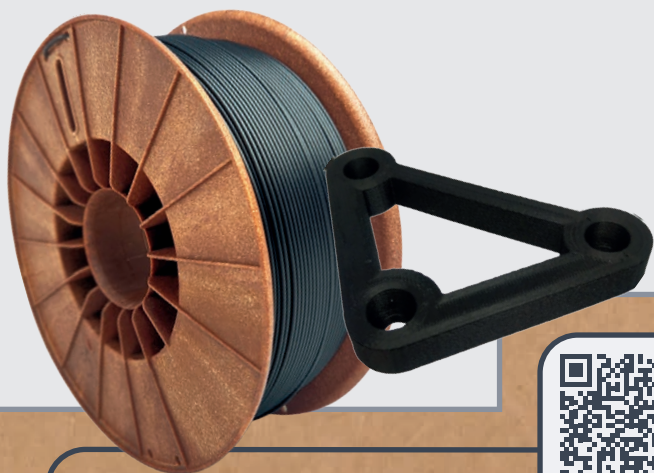
FLEXIBILITY

low high

Take care of environment with ROSA3D biopackaging

ISO 9001 14001

MANUFACTURED IN POLAND (EU)



chemical resistance

Vicat 80°C

no odor

postprocessing

high impact

steel nozzle recommended



MORE INFO

APPLICATIONS:

- prototypes
- industry
- working machine parts
- your idea ...

PACKAGING:

500 g
1000 g
3000 g
OEM

DIAMETER:

1,75 mm
2,85 mm
OEM

COLOURS:



black

Take care of
environment with
ROSA3D
biopackaging

DIFFICULTY

easy

experienced

THERMAL RESISTANCE

low

high

MECHANICAL RESISTANCE

low

high

FLEXIBILITY

low

high

ISO 9001 14001

MANUFACTURED IN POLAND (EU)



biodegradable

smell of wood

absorbs paints to the wood

open chamber recommended

easy postprocessing

food contact



MORE INFO

APPLICATIONS:

- decorative elements, dishes (bowls, cups, cutlery), toys, musical instruments, furniture also renovate wooden elements
- your idea ...

COLOURS:



natural light

PACKAGING:

- 50 g
- 500 g
- 1000 g
- OEM

DIAMETER:

- 1,75 mm
- 2,85 mm
- OEM

Take care of environment with ROSA3D biopackaging

DIFFICULTY

easy experienced

THERMAL RESISTANCE

low high

MECHANICAL RESISTANCE

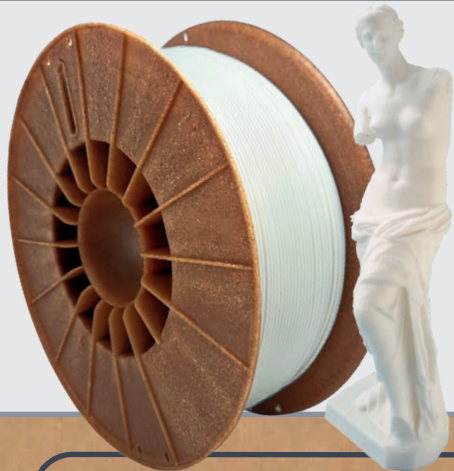
low high

FLEXIBILITY

low high

ISO 9001 14001

MANUFACTURED IN POLAND (EU)



biodegradable (BCC 78%)

matt surface (bone effect)

Vicat 113°C

easy postprocessing

great precision

no odor

food contact



MORE INFO

APPLICATIONS:

- prototypes, models
- skeletons
- housings
- decorative elements
- toys
- machine parts
- your idea ...

COLOURS:



matt white

PACKAGING:

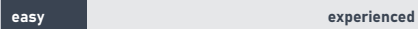
- 500 g
- 1000 g
- 3000 g
- OEM

DIAMETER:

- 1,75 mm
- 2,85 mm
- OEM



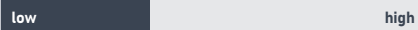
DIFFICULTY



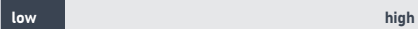
THERMAL RESISTANCE



MECHANICAL RESISTANCE

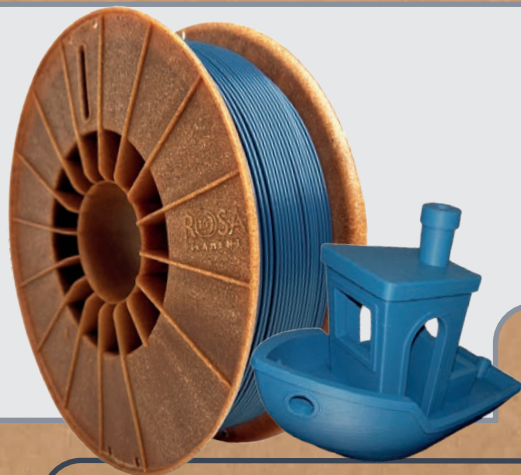


FLEXIBILITY



ISO 9001 14001

MANUFACTURED IN POLAND (EU)



UV and water resistance

Vicat 94°C

postprocessing

great precision

no odor

medium shrink



MORE INFO

APPLICATIONS:

- machine parts
- automotive industries
- marine industries
- outdoor applications

COLOURS:



PACKAGING:

- 50 g
- 700 g
- 2500 g
- OEM

DIAMETER:

- 1,75 mm
- 2,85 mm
- OEM

Take care of
environment with
ROSA3D
biopackaging

DIFFICULTY

easy experienced

THERMAL RESISTANCE

low high

MECHANICAL RESISTANCE

low high

FLEXIBILITY

low high

ISO 9001 14001

MANUFACTURED IN POLAND (EU)

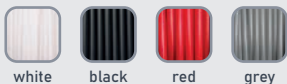


MORE INFO

APPLICATIONS:

- bushings
- bearings
- gears
- nuts
- sliding elements
- heat resistant elements
- your idea ...

COLOURS:



white

black

red

grey

Take care of environment with ROSA3D biopackaging

PACKAGING:

1000 g
OEM

DIAMETER:

1,75 mm
OEM

- Vicat 79°C
- semi-matt surface
- unusual strength
- great precision
- postprocessing
- ventilation needed



DIFFICULTY

easy

experienced

THERMAL RESISTANCE

low

high

MECHANICAL RESISTANCE

low

high

FLEXIBILITY

low

high

ISO 9001 14001

MANUFACTURED IN POLAND (EU)



MORE INFO

APPLICATIONS:

- electrical installations (direct contact)
- machine parts
- electronic housings
- automotive industries
- outdoor applications

COLOURS:



warm white



PACKAGING:

- 50 g
- 700 g
- 2500 g
- OEM

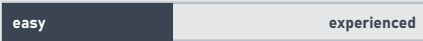
DIAMETER:

- 1,75 mm
- 2,85 mm
- OEM

- flame retardant
- UV resistance
- Vicat 109°C
- Glow-Wire Ignition Temperature 960°C
- postprocessing
- great precision
- ventilation needed



DIFFICULTY



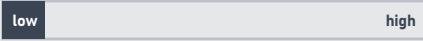
THERMAL RESISTANCE

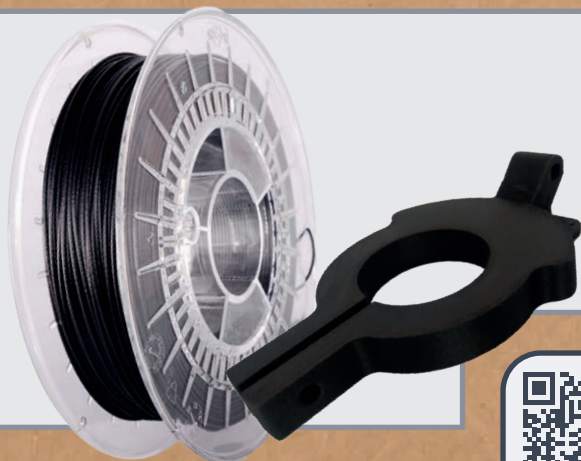


MECHANICAL RESISTANCE



FLEXIBILITY





chemical resistance

electrical conductivity

thermal resistance 160°C

no odor

low shrink

steel nozzle recommended

postprocessing



MORE INFO

APPLICATIONS:

- drone parts, prototyping
- automotive industry
- replacements of steel elements
- parts intended for powder coating
- extremely durable mechanical parts
- your idea ...

COLOURS:



black

PACKAGING:

500 g
1000 g
2500 g
OEM

DIAMETER:

1,75 mm
OEM

DIFFICULTY

easy experienced

THERMAL RESISTANCE

low high

MECHANICAL RESISTANCE

low high

FLEXIBILITY

low high

Take care of environment with ROSA3D biopackaging

ISO 9001 14001

MANUFACTURED IN POLAND (EU)



- excellent mechanical resistance
- excellent impact resistance
- UV resistance
- Vicat B 120°C
- postprocessing
- great precision
- excellent layer adhesion



MORE INFO

APPLICATIONS:

- automotive industry
- covers and protectors
- industrial applications
- construction and mechanical parts
- parts working in high/low temp.
- your idea ...

COLOURS:



black

Take care of
environment with
ROSA3D
biopackaging

PACKAGING:

500 g
1000 g
OEM

DIAMETER:

1,75 mm
OEM

DIFFICULTY

easy experienced

THERMAL RESISTANCE

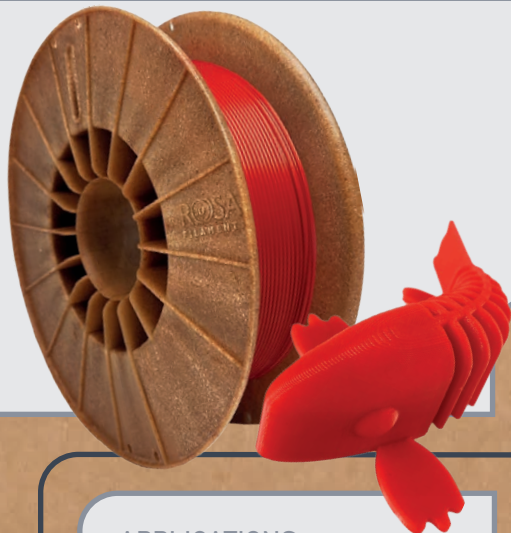
low high

MECHANICAL RESISTANCE

low high

FLEXIBILITY

low high



MORE INFO

APPLICATIONS:

- Hobby: smartphone cases, drone elements, elements for RC cars
- Technical: gaskets, bumpers, anti-vibration dampers/feet, housings, orthoses
- your idea ...

COLOURS:



PACKAGING:

50 g
500 g
OEM

DIAMETER:

1,75 mm
OEM

Take care of environment with ROSA3D biopackaging

TPU (chemical resistance)

Vicat 126°C

elongation 350%

no odor

food contact



DIFFICULTY

easy experienced

THERMAL RESISTANCE

low high

MECHANICAL RESISTANCE

low high

FLEXIBILITY

low high



TPU (chemical resistance)

elongation 520%

no odor

unusual strength



MORE INFO

APPLICATIONS:

- Hobby: smartphone cases, drone elements, elements for RC cars
- Technical: gaskets, bumpers, anti-vibration dampers/feet, housings
- your idea ...

PACKAGING:

50 g
500 g
OEM

DIAMETER:

1,75 mm
OEM

COLOURS:



transparent



white



black

Take care of environment with ROSA3D biopackaging

DIFFICULTY

easy

experienced

THERMAL RESISTANCE

low

high

MECHANICAL RESISTANCE

low

high

FLEXIBILITY

low

high

ISO 9001 14001

MANUFACTURED IN POLAND (EU)



- low friction factor
- Vicat 145°C
- unusual strength
- great precision
- self-lubricating



MORE INFO

APPLICATIONS:

- bushings
- blocks
- bearings
- gears
- sliding elements
- elements with increased heat resistance
- your idea ...

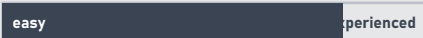
PACKAGING:

- 50 g
- 500 g
- OEM

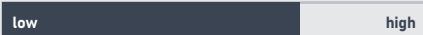
DIAMETER:

- 1,75 mm
- OEM

DIFFICULTY



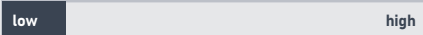
THERMAL RESISTANCE



MECHANICAL RESISTANCE



FLEXIBILITY



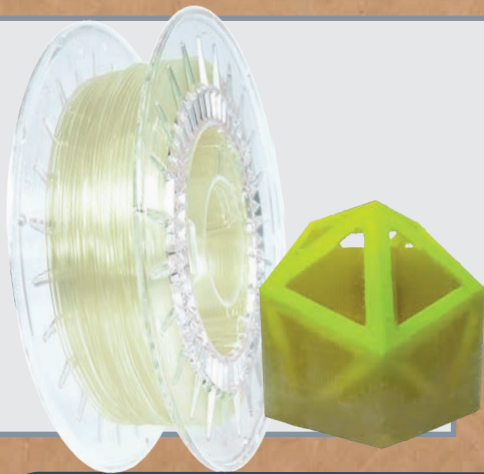
COLOURS:



white



Take care of environment with ROSA3D biopackaging



support to: PLA, PET-G, TPU, PA

water-soluble

biodegradable

no odor

Vicat 60°C



MORE INFO

PVA filament, or polyvinyl alcohol, is a water-soluble thermoplastic. Therefore, it is made to be a support material. On a multi-extruder printer, you can print models that would otherwise require printing in parts, gluing or would not be possible at all! After printing, just immerse the model in warm water (but not too hot, keep the thermal deformation temperature of the actual part in mind).

COLOURS:



transparent



DIFFICULTY

easy

experienced

THERMAL RESISTANCE

low

high

ISO 9001 14001

MANUFACTURED IN POLAND (EU)



easy smoothing with IPA

HDT B 60°C

Vicat 70°C

postprocessing

no odor



MORE INFO

APPLICATIONS:

- lampshades to LED
- containers and vases
- figurines and sculptures
- jewellery and ornaments
- other aesthetic objects
- your idea ...

COLOURS:



transparent



yellow



green tr.



turquoise



blue tr.



red tr.



navy blue



black

Take care of environment with ROSA3D biopackaging

PACKAGING:

500 g
OEM

DIAMETER:

1,75 mm
OEM

DIFFICULTY

easy

experienced

THERMAL RESISTANCE

low

high

MECHANICAL RESISTANCE

low

high

FLEXIBILITY

low

high

ISO 9001 14001

MANUFACTURED IN POLAND (EU)