

# SATIN

SATIN is a PLA based material developed for its silky and smooth shine. It increases the perception of colour brilliance and disperses light when viewed from different angles giving a unique glossy effect. Slower printing and low temperature improves the silky effect. SATIN is suitable for all printers and prints very easily.

### Material features:

- High light reflection
- Smooth and silky
- Easy to print



### Colours:

SATIN is available from stock in 12 colours.



### Packaging:

SATIN is available in nearly any type of packaging and labelling. Ask our team to help you customizing your product.

### Filament specs.

Size	Ø tolerance	Roundness
1,75mm	± 0,05mm	≥ 95%
2,85mm	± 0,10mm	≥ 95%

### Material properties

Description	Testmethod	Typical value
Specific gravity	ISO 1183	<b>1,24 g/cc</b>
MFR 210°C/2,16 kg	ISO 1133	14 gr/10 min
Tensile Strength at Yield (MPa)	ISO 527	64 Mpa
Strain at yield	ISO 527	2,9%
E-Modulus	ISO 527	2580 Mpa
Printing temp.	DF	215±10°C

### Additional info:

Due to its low tendency to warp SATIN can also be printed without a heated bed. If you have a heated bed the recommended temperature is ± 35-60°C.

SATIN can be used on all common desktop FDM or FFF technology 3D printers.

Storage: Cool and dry (15-25°C) and away from UV light. This enhances the shelf life significantly.