PLA MATT

PLA MATT is an easy to print variant on the everyday material PLA and exists for >70% out of recycled Post-Industrial PLA. Its surface diffuses light to give it a matt look and creates a rough feeling. PLA matte is slightly abrasive, please consider using a hardened nozzle. This material can be printed on most common printers and has a reliable bed adhesion to most common build plate materials.

Material features:
- Matt effect, low light refraction
- Easy to print rough surface
- Reliable bed adhesion
- Improved printing speed compared to PLA

Colours:
PLA MATT is available from stock in 11 colours.

| BK1 | WH1 | GGM | MBU | MPU | MRD | MOR | MYG | MGK | MGD | MGS |

Packaging:
PLA MATT 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	1,38 g/cc
MFR 210°C/2,16 kg	ISO 1133	14 gr/10 min
Tensile Strength at Yield (MPa)	ISO 527	46,6 Mpa
Strain at yield	ISO 527	2,1%
E-Modulus	ISO 527	3973 Mpa
Printing temp.	DF	215±10°C

Additional info:
Due to its low tendency to warp PLA MATT can also be printed without a heated bed. If you have a heated bed the recommended temperature is ± 35-60˚C. It is recommended to use a hardened nozzle, due to the abrasive nature of the matting agent.
PLA MATT 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.