

MATERIAL DATA SHEET PLA

3D Filaments – PRINT WITH SMILE



DENSITY	1,24 G/CM3
TENSILE STRENGTH	63 Mpa
MELT FLOW INDEX (215°C, 5 KG)	29 CM3/10 MIN
TENSILE ELONGATION	4%
FLEXURAL MODULUS	3500 Mpa
PRINT TEMPERATURE	190 – 220 °C
HEATED BED	55 – 60 °C
NOZZLE	0,2 – 0,4 MM
COOLING	0 – 60 %
FLOW	100 %

The tests were carried out on standardized samples, in accordance with ISO 148 and ISO 528. The prints were made on a Zortrax M200 printer with models infill up to 80%.

FUEL INVEST SE,
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Vedená u Krajského soudu v Praze, H 800



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DETAILED PRODUCT DESCRIPTION

Our PLA filaments are made from premium and proven NatureWorks materials.
Features of PLA filament for printing on 3D printers:

- excellent gloss, transparency and clarity
 - Perfectly impervious to scents and odors
 - Easy to shape, print and emboss
 - High resolution of printed details
 - Excellent moisture resistance
 - High rigidity
 - Low shrinkage
 - EN 13432 - European composting standard
 - filament is made from 100% renewable resources
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- length of winding 1000 g – ca. 340 m – weight of coil 250 g
 - length of winding 750 g – ca. 240 m – weight of coil 225 g
 - length of winding 500 g – ca. 165 m – weight of coil 225 g
 - length of winding 2500 g – ca. 860 m – weight of coil 600 g

