

**PRODUCT NAME: 3D FILAMENT PLA Starter 1,75mm**

**PRODUCT DESCRIPTION:** PLA Starter filament - a thermoplastic polymer in the form of a thread, designed for 3D printing using the FFF/FDM method. Filament coiled on spools, vacuum-packed in a PET/PE bag, and then in a box.

**PRODUCT PARAMETERS**

filament diameter [mm]	1,75
diameter tolerance [mm]	+/- 0,05
oval tolerance [mm]	+/- 0,02
net weight [g]	small spool: 800
	big spool: 3000
gross weight [g]	small spool: 1100
	big spool: 4000
spool dimensions [mm] (Ø x height x hole Ø)	small spool: 200 x 55 x 52
	big spool: 300 x 103 x 515
box dimesions [mm]	small spool: 235 x 215 x 65
	big spool: 340 x 320 x 115
finish	semi-gloss

**RECOMMENDED PRINTING PARAMETERS**

Print temperature [°C]	185-225
Bed temperature [°C]	40-60

**PHYSICAL PARAMETERS OF THE MATERIAL**

- Density: 1,24 g/cm<sup>3</sup>
- Odor: odorless
- Tensile elongation: 6% (ASTM D882)
- Tensile strength (to break): 53 MPa (ASTM D882)
- Tensile modulus: 3500 MPa (ASTM D882)
- Heat distortion temperature: 55°C (ASTM E2092)