

PRODUCT NAME: 3D FILAMENT PET-G Standard 1,75mm

PRODUCT DESCRIPTION: PET-G Standard 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	glossy



RECOMMENDED PRINTING PARAMETERS

Print temperature [°C]	220-260
Bed temperature [°C]	60-80

PHYSICAL PARAMETERS OF THE MATERIAL

- Density: 1,29 g/cm³
- Odor: odorless
- Notched izod impact: 4,7 kJ/m² (ISO 180)
- Tensile strength (to break): 47 MPa (ISO 527-2)
- Tensile modulus: 2980 MPa (ISO 527-2)
- Heat distortion temperature: 78°C (ISO 306)