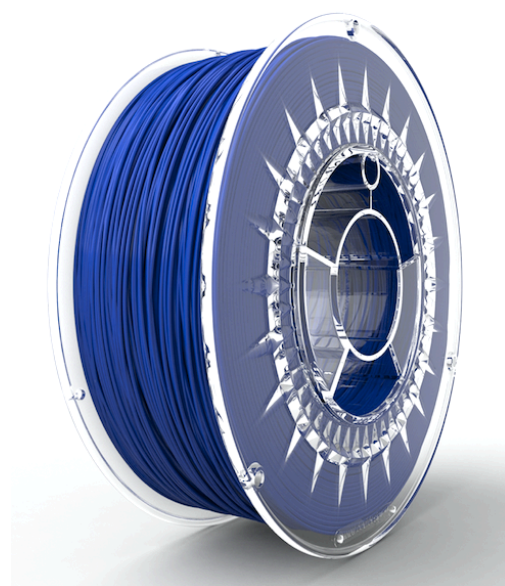


Product card: PET-G filament for 3D printing.

Product description: Filament PET-G - a thermoplastic polymer from the group of polyesters in the form of fiber, used for 3D printing using the FFF method. Filament wound on a spool, vacuum packed with a moisture absorber. The spool contains 1 kg of net material. It can be used in all FFF printers that are not protected from external suppliers and open source structures before using. PET-G is a material friendly for beginners, material available in covering and transparent colors.

Physical properties of the product:

Diameter of filament	1.75 mm / 2.85 mm
Dimensional tolerance of filament	+/- 0.05 mm
Roundness of filament	+/- 0.02 mm
Surface of the material	High Gloss
Shrinkage of the material	Very low
Product weight	1.0 kg net, 1.36 kg gross
Spool - material	Transparent polycarbonate
Weight of the empty spool	~250 g
The diameter of the spool	200 mm
Width of spool	~70 mm
Diameter of mounting hole	52 mm
Packaging	Printed cardboard
Package size	~205x205x80 mm
Vacuum packing	Yes
Moisture absorber	Yes



Suggested printing parameters:

Hotend	220-250°C
Heated bed	70-80°C
Cooling the printout	Optional

Due to the structural differences of printers, the above figures should be considered as guidelines and the corresponding values must be determined experimentally.

Availability of colors and diameters:

Color	Kolor	RAL	1,75 - 1kg	2,85 - 1kg
White	Biały	9003	✓	✓
Vanilla	Waniliowy	1014	✓	
Bright Yellow	Jasnożółty	2021	✓	
Yellow	Żółty	1005	✓	
Bright Orange	Jasnopomarańczowy		✓	
Dark Orange	Ciemnopomarańczowy	2002	✓	
Bright Pink	Jasnoróżowy	4010	✓	
Pink	Różowy		✓	
Purple	Purpurowy	4006	✓	
Lilac	Wrzosowy		✓	
Red	Czerwony	3031	✓	
Raspberry Red	Malinowy	3027	✓	
Maroon	Bordowy		✓	
PC Gray	Jasnoszary	7044	✓	
Gray	Szary	7005	✓	
Dark Gray	Ciemnoszary	7021	✓	
Blue	Błękitny	5012	✓	
Super Blue	Niebieski	5010	✓	
Ocean Blue	Morski	5025	✓	
Violet	Fioletowy	4005	✓	
Mint	Seledynowy	6027	✓	
Light Green	Lekkozielony	6032	✓	
Bright Green	Jasnozielony	6018	✓	
Emerald Green	Szmaragdowy Zielony	5021	✓	
Olive Green	Oliwkowy Zielony		✓	
Race Green	Wyścigowy Zielony		✓	
Silver	Srebrny	7011	✓	
Beige	Beżowy	1014	✓	
Brown	Brązowy	8016	✓	
Black	Czarny	8022	✓	✓
Galaxy Gray	Galaktyczny Szary		✓	
Galaxy Super Blue	Galaktyczny Niebieski		✓	
Galaxy Violet	Galaktyczny Fioletowy	4005	✓	
Galaxy Green	Galaktyczny Zielony		✓	
Galaxy Black	Galaktyczny Czarny	8022	✓	
Transparent	Transparentny	9000	✓	
Bright Yellow	Jasnożółty Transparentny	1021	✓	
Bright Orange	Jasnopomarańczowy	2008	✓	
Amber Transparent	Bursztynowy Transparentny		✓	
Bright Green Transparent	Jasnozielony Transparentny	6020	✓	
Green Transparent	Zielony Transparentny	6025	✓	
Ruby Red Transparent	Rubinowy Transparentny	3001	✓	
Blue Transparent	Błękitny Transparentny	6033	✓	
Super Blue Transparent	Niebieski Transparentny	5005	✓	

Physical properties of the material:

Specific Density	1.23 g/cm ³	-
Glass Transition Temperature	80°C	ASTM 3418
Moisture	≤ 0.3%	-