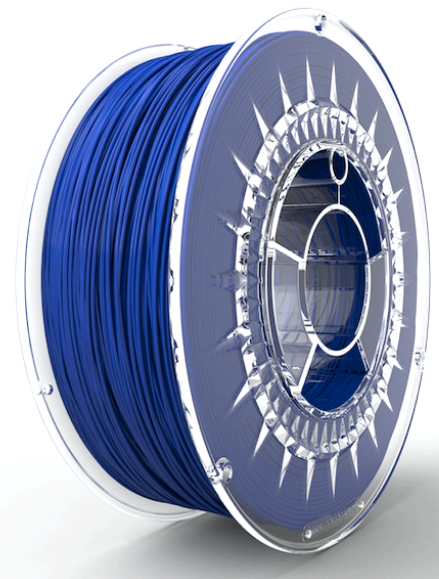


Product card: PET-G filament for 3D printing.

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	RAL	1,75 - 1kg	2,85 - 1kg	Color	RAL	1,75 - 1kg	1,75 - 0,33kg
White	9003	✓	✓	Light Steel		✓	✓
Bright Yellow	2021	✓		Dark Steel		✓	✓
Yellow	1005	✓		Galaxy Red		✓	
Bright Orange	2003	✓		Galaxy Gray		✓	
Dark Orange	2002	✓		Galaxy Super Blue		✓	
Red	3031	✓		Galaxy Violet	4005	✓	
PC Gray	7044	✓		Galaxy Green		✓	
Gray	7005	✓		Galaxy Black	8022	✓	
Dark Gray	7021	✓		Transparent	9000	✓	
Blue	5012	✓		Bright Orange Transparent	2008	✓	
Super Blue	5010	✓		Amber Transparent		✓	
Ocean Blue	5025	✓		Bright Green Transparent	6020	✓	
Mint	6027	✓		Green Transparent	6025	✓	
Light Green	6032	✓		Ruby Red Transparent	3001	✓	
Bright Green	6018	✓		Blue Transparent	6033	✓	
Emerald Green	5021	✓		Super Blue Transparent	5005	✓	
Olive Green	6003	✓					
Race Green	6005	✓					
Silver	7011	✓					
Beige	1014	✓					
Dark brown		✓					
Black	8022	✓	✓				

Physical properties of the material:

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

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