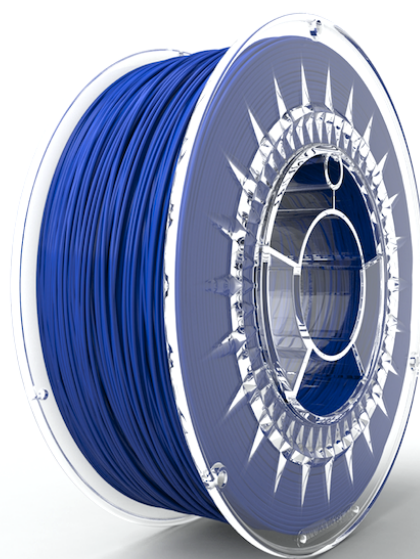


Product card: PET-G filament for 3D printing.

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	5008	✓	✓
Bright Yellow	2021	✓		Dark Steel	7016	✓	✓
Yellow	1005	✓		Galaxy Red		✓	
Bright Orange	2003	✓		Galaxy Gray		✓	
Dark Orange	2002	✓		Galaxy Super Blue		✓	
Red	3031	✓		Galaxy Violet	4005	✓	
Super Red	3024	✓		Galaxy Green		✓	
Bloody Red	3003	✓		Galaxy Black	8022	✓	
Dark Red	3002	✓		Transparent	9000	✓	
PC Gray	7044	✓		Bright Orange Transparent	2003	✓	
Light Gray	7035	✓		Amber Transparent		✓	
Gray	7005	✓		Bright Green Transparent	6020	✓	
Dark Gray	7021	✓		Green Transparent	6017	✓	
Blue	5012	✓		Ruby Red Transparent	3001	✓	
Super Blue	5010	✓		Blue Transparent	6033	✓	
Ocean Blue	5025	✓		Super Blue Transparent	5005	✓	
Ultra Blue	5002	✓					
Dark Violet	4007	✓					
Ultra Violet	4011	✓					
Mint	6027	✓					
Light Green	6032	✓					
Bright Green	6018	✓					
Emerald Green	5021	✓					
Olive Green	6003	✓					
Race Green	6005	✓					
Silver	7011	✓					
Gold		✓					
Aluminum	7001	✓					
Graphite	7024	✓					
Copper	8025	✓					
Dark Copper	8029	✓					
Beige	1014	✓					
Light Brown	3012	✓					
Brown	8011	✓					
Dark brown	8014	✓					
Black	8022	✓	✓				

Physical properties of the material:

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