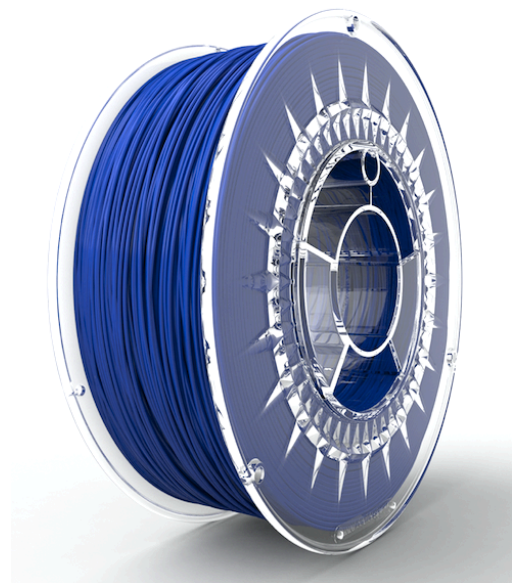


Product card: ABS+ filament for 3D printing.

**Product description:** Filament ABS+ - thermoplastic product 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. ABS+ is easily machined such as grinding, drilling or smoothing, the material is soluble in acetone.

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	Gloss
Shrinkage of the material	Large
Product weight	1.0 kg net, 1.4 kg gross
Spool - material	Transparent polycarbonate
Weight of the empty spool	~257 g
The diameter of the spool	200 mm
Width of spool	~70 mm
Diameter of mounting hole	52 mm
Packaging	Printed cardboard
Package size	~230x210x80 mm
Vacuum packing	Yes
Moisture absorber	Yes



Suggested printing parameters:

Hotend	230-240°C
Heated bed	90-100°C
Cooling the printout	Not recommended

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

## Physical properties of the material:

Specific Gravity	1.04 g/cm <sup>3</sup>	ASTM D792
Vicat Softening Temperature	94°C	ASTM D1525
Flammability	HB	UL 94
Rockwell Hardness (R-Scale)	105	ASTM D785
Tensile Strength - Yield	430 kg/cm <sup>2</sup>	ASTM D638
Tensile Elongation - Break	30%	ASTM D638

## Availability of colors and diameters:

Color	Kolor	1.75	2.85
Natural	Naturalny	✓	
White	Biały	✓	✓
Vanilla	Waniliowy	✓	
Bright Yellow	Jasnożółty	✓	✓
Yellow	Żółty	✓	
Orange	Pomarańczowy	✓	
Pink	Różowy	✓	
Lilac	Wrzosowy	✓	
Hot Red	Czerwień	✓	
Red	Czerwony	✓	✓
Raspberry Red	Malinowy	✓	
Pc Gray	Jasnoszary	✓	
Gray	Szary	✓	
Blue	Błękitny	✓	
Super Blue	Niebieski	✓	✓
Navy Blue	Granatowy	✓	
Violet	Fioletowy	✓	
Mint	Seledynowy	✓	
Bright Green	Jasnozielony	✓	✓
Green	Zielony	✓	
Gold	Złoty	✓	
Aluminum	Aluminiowy	✓	
Beige	Beżowy	✓	
Brown	Brązowy	✓	
Black	Czarny	✓	✓

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Printers category](#):*

*Click to view products by [Devil Design manufacturer](#):*

Other Similar products are found below :

[1085267](#) [897252-000](#) [CU0620-000](#) [F39639-000](#) [FTP-020P0704](#) [PT110P01-E](#) [PTMBL1912A](#) [PWC-L07A1-W1-E](#) [DPU-V445-10B-E](#) [D-SCE-12-50-S1-4](#) [D-SCE-2.4-50-4](#) [D-SCE-3.2-50-S1-4](#) [EC9926-000](#) [ED4841-000](#) [IF2302-01UK-E](#) [IF9001-01P-E](#) [2000P-RIBBON-4AG-MED](#) [206868-000](#) [OP-LH200A-E](#) [CA1055-000](#) [LB1256-E](#) [LM-1/4-TUBE-WE](#) [308-LE](#) [SMS-V-19-9](#) [ACUH205A-E](#) [1813390001](#) [T300-RIBBON-WH-HIGH-PERF](#) [FTP-040P001](#) [FTP-622CT001](#) [FTP-628CU601R](#) [FTP-629Y601](#) [240205-000](#) [PW-C0725-W2-U](#) [HANDHELD-TMS-13.2-9](#) [HANDHELD-TMS-3.9-9](#) [HANDHELD-TMS-5.2-9](#) [3045950001](#) [351013-000](#) [RH-48-00-E](#) [4775630001](#) [TSK-508406-2.5CS8982](#) [TTC-PRINTER-PRINthead-300](#) [HW-762254-5-9](#) [IF2301-01B](#) [IFC-001K-E](#) [IFH001-01B](#) [LM-1/2-TUBE-WE](#) [DPU-D3-01A-E](#) [D-SCE-12-50-9](#) [D-SCE-4.8-50-4](#)