Qoltec Professional filament for 3D print | ABS PRO | 1,75 mm | 1 kg | Black

Product code: 50677

This specialized filament is designed for 3D printers. It was made of ABS PRO plastic, which makes the final product of your printing extremely resistant to any deformation, and will also willingly undergo mechanical processes that will further improve your printout at a later stage. So, let's go!

Wide range of possibilities

Having a 3D printer, you already know that you can create a variety of products with it. Depending on the material used for their production, their wide application is defined. When choosing ABS PRO filament, you can count on the result in the form of a very hard product, resistant to external factors, which, however, favors its further processing. So it is difficult to deform it under pressure or impact, but you can drill, saw, or grind it. That is why ABS PRO filaments are perfect for printing various elements in the furniture and electronics industries, and for the production of utility items in the household. They are also used to create various types of toys, such as the well-known Lego bricks.

A mysterious shortcut

ABS PRO - acrylonitrile-butadiene-styrene, is a material that fits perfectly into the 3D printing process. Its composition makes the products made of it very durable and resistant to high and low temperatures. The material itself is extremely flexible, which allows you to print any elements. The printing temperature ranges from 220 C to 260 C. However, due to its chemical composition, it should be used in a special - best-ventilated chamber, because during printing it gives off a strong smell and chemical vapors. It also prevents excessive shrinkage. Working with ABS filaments also requires a heated bed so that the printed element stabilizes during the creation process and does not jump off the substrate.

Reliable performance

The Qoltec brand is characterized by high quality in creating its products. In this case, we have made every effort to ensure that our filaments are comfortable to use. They are therefore wound on a decent roller with rollers, thanks to which the product maintains the continuity of the printing process without tangling. The filament has a diameter of 1.75 mm and is packed with 1 kg of material.

Technical data

Producer	Qoltec
Material	ABS PRO
Diameter	1.75 mm
Density	1,06 g/cm
Impact strength	42 KJ/m
Melt flow index	15 (220 C/10KG)
Elongation at break	30%
Tensile strength	ABS PRO
Flexural strength	68 MPa
Flexural modulus	2443 MPa
Heat distortion temperature	73 C, 0.45 MPa
Printing temperature	220 C – 260 C
Table tamperature	90 C – 110 C
Package	Box
Colour	Black
Dimensions	199 x 199 x 66 mm
Net weight	1 kg
Gross weight	1,420 kg
Warranty	24 months
EAN code	5901878506777

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