

FILAMENTS FOR 3D PRINTERS

https://www.goltec.com/product/filaments-for-3d-printers?filaments-abs-pro&goltec-professional-filament-for-3d-print-abs-pro-175-mm-1-kg-grey



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

Product code: 50679

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

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| Material         ABS PRO           Diameter         1.75 mm           Density         1.06 g/cm           Impact stength         42 K/m           Melt flow index         15 (220 C/10KG)           Elongation at break         30%           Tensile strength         485 PRO           Fleural strength         68 MPA           Fleural modulus         243 MPA           Printing temperature         20 C - 260 C           Table tamperature         20 C - 260 C           Tollour         90 C - 110 C           Polivary         90 S - 110 C           Colour         6wy           Dimensions         19 x 19 x 56 mm           Net weight         1 kg           Goss weight         1,20 kg           Warranty         24 months           EAN code         5001878856791   | Producer                    | Qoltec            |  |
|--|-----------------------------|-------------------|--|
| Density         1,06 g/cm           Impact strength         42 KI/m           Melt flow index         15 (220 C/10KG)           Elongation at break         30%           Tensile strength         ABS PRO           Flexural strength         68 MPa           Flexural nodulus         443 MPa           Heat distortion temperature         73 C, 0.45 MPa           Printing temperature         200 C - 260 C           Table tamperature         90 C - 110 C           Colour         Grey           Dimensions         199 x 199 x 66 mm           Net weight         1kg           Gross weight         1A20 kg           Warranty         4 months   | Material                    | ABS PRO           |  |
| Impact strength         42 KI/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         32 C, 265 MPa           Printing temperature         220 C - 260 C           Table tamperature         90 C - 110 C           Quor         Grey           Dimensions         199 x 199 x 66 mm           Net weight         1 kg           Gross weight         1,420 kg           Warranty         24 months  | Diameter                    | 1.75 mm           |  |
| Melt flow index       15 (220 C/10KG)         Elongation at break       30%         Tensile strength       ABS PRO         Flexural strength       68 MPa         Elexural 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       Grey         Dimensions       199 x 199 x 66 mm         Net weight       1 kg         Gross weight       1,420 kg         Warranty       24 months   | Density                     | 1,06 g/cm         |  |
| 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         Grey           Dimensions         199 x 199 x 66 mm           Net weight         1,420 kg           Gross weight         1,420 kg           Warranty         24 months   | Impact strength             | 42 KJ/m           |  |
| Tensile strengthABS PROFlexural strength68 MPaElexural modulus2443 MPaHeat distortion temperature73 C, 0.45 MPaPrinting temperature220 C - 260 CTable tamperature90 C - 110 CPackageBoxColourGreyDimensions199 x 199 x 66 mmNet weight1 kgGross weight1,420 kgWarranty24 months  | Melt flow index             | 15 ( 220 C/10KG ) |  |
| 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 Grey Dimensions 199 x 199 x 66 mm Net weight 1kg Gross weight 1k20 kg   | Elongation at break         | 30%               |  |
| Flexural modulus  2443 MPa  46at distortion temperature  73 C, 0.45 MPa  220 C - 260 C  7able tamperature  90 C - 110 C  Package  Box  Colour  Oinensions  199 x 199 x 66 mm  Net weight  Gross weight  1,420 kg  Warranty  2443 MPa  2443 MPa  2450 MPa  250 C - 260 C  260 C  27 C - 260 C  27 C - 260 C  28 C - 260 C  29 C - 260 C  20 C - 260 | Tensile strength            | ABS PRO           |  |
| Heat distortion temperature 73 C, 0.45 MPa Printing temperature 220 C - 260 C Table tamperature 90 C - 110 C Package Box Colour Grey Dimensions 199 x 199 x 66 mm Net weight 1,420 kg Warranty 24 months   | Flexural strength           | 68 MPa            |  |
| Printing temperature 220 C - 260 C  Table tamperature 90 C - 110 C  Package Box  Colour Grey  Dimensions 199 x 199 x 66 mm  Net weight 1,420 kg  Warranty 24 months  | Flexural modulus            | 2443 MPa          |  |
| Table tamperature 90 C - 110 C  Package Box  Colour Grey  Dimensions 199 x 199 x 66 mm  Net weight 1 kg  Gross weight 1,420 kg  Warranty 24 months   | Heat distortion temperature | 73 C, 0.45 MPa    |  |
| Package Box Colour Grey Dimensions 199 x 199 x 66 mm Net weight 1kg Gross weight 1,420 kg Warranty 24 months   | Printing temperature        | 220 C - 260 C     |  |
| Colour Grey  Dimensions 199 x 199 x 66 mm  Net weight 1 kg  Gross weight 1,420 kg  Warranty 24 months  | Table tamperature           | 90 C - 110 C      |  |
| Dimensions 199 x 199 x 66 mm  Net weight 1 kg  Gross weight 1,420 kg  Warranty 24 months   | Package                     | Вох               |  |
| Net weight1 kgGross weight1,420 kgWarranty24 months  | Colour                      | Grey              |  |
| Gross weight 1,420 kg Warranty 24 months   | Dimensions                  | 199 x 199 x 66 mm |  |
| Warranty 24 months   | Net weight                  | 1 kg              |  |
| '  | Gross weight                | 1,420 kg          |  |
| EAN code 5901878506791   | Warranty                    | 24 months         |  |
|  | EAN code                    | 5901878506791     |  |

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