

KRONES creadditive FIL 10 01/ KRONES creadditive FIL 10 02 Filament

Product description and application

It is an extremely versatile, high-speed engineering thermoplastic made for professionals that prints very easy.

- Short printing time
- Great mechanical properties
- Excellent surface finish

Technical product data:

| | |
|--------------------|----------------------------------------------|
| Nozzle temperature | 200 – 220°C |
| Bed temperature | 50 – 70°C |
| Cooling | 100% |
| Print speed | 40 – 150 mm/s |
| Retraction | Optimum: 5 mm with 25-30mm/s |
| Layer height | As needed |
| Extrusion width | ≥0,4 mm |
| Extrusion flow | 99 – 103% |
| Color | FIL 10 01: Natural white FIL 10 02: Black |

Storage and shelf life

Please store the spool at 15 – 25°C in its originally sealed package in a clean and dry environment. If the recommended storage conditions are observed the products will have a minimum shelf life of 24 months.

After opening the original package: To ensure optimal printing results, it is recommended to store the filament in the spool holder after opening the original packaging. It is not necessary to store the filament in a drying box or similar. To increase the print quality, it is recommended to cool the material by keeping the doors of the printer open.

Make sure that you remove the filament completely from the printer/materialization if there is no printing in the next two or more days (e.g. over the weekend). Remove the filament if it has been in the printer, especially in the tubes, for more than 24 hours.

Material safety data sheets

The current material safety data sheets are available for you to download from our website:

www.kic-krones.com/en/downloads.php

You are also welcome to request them by e-mail to kic@kic-krones.com.

KRONES creadditive FIL 10 01/ KRONES creadditive FIL 10 02

Filament

Labelling

Please refer to the corresponding material safety data sheet for details on:

- Hazardous goods labelling (section 2)
- Transport regulations (section 14)
- Safety regulations (section 4-8)

Drying

Drying recommendations to ensure printability:

Drying of the filament is not necessary.

Product safety

Recommended: Process materials in a well-ventilated room or use professional extraction systems. For further and more detailed information please consult the corresponding material safety data sheets.

The contents of this product information are based on our general experience and to the best of our knowledge at the time of printing. The product information should provide hints for possible applications to the technically experienced reader. However, the product information is not intended to guarantee any properties of the described product, nor the suitability of the product for individual applications. It does not release the user from testing the selected product prior to application. We recommend individual consultation and are happy to provide samples on request, if possible. These products are continuously developed. We therefore reserve the right to change all technical data of this brochure at any time without notice.

KIC KRONES

Internationale Cooperationsgesellschaft mbH
Böhmerwaldstraße 5
93073 Neutraubling
Germany

Phone +49 9401 70-3020
Fax +49 9401 70-3696
E-Mail kic@kic-krones.com
Website www.kic-krones.com