

Technical Data Sheet

KRONES creadditive z.B. FIL 15 02

Filament

Product description and application

FIL 1502 is a high temperature resistant and unfilled filament. 3D printed components made from this material have high strength and toughness.

- Easy to print, low warpage and increased layer adhesion.
- Excellent tensile and impact strength
- Suitable for industrial applications

Technical product data

Density	1,20 g/cm ³
Color	blau
Print temperature	250-280 °C
Heat bed	<80°C
Fan speed	50 %
Print speed	40-60 mm/s

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 optimum printing results, it is recommended that the filament is always stored in appropriate drying boxes after opening the original packaging. This applies both during the printing processes and for intermediate storage. If the intermediate storage is extended over several days, it is also recommended to prepare the filament in a drying oven.

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.

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

To ensure printability, we recommend drying the material after unpacking and in the event of any signs of moisture (e.g. if the material pulls threads during printing): 80°C in a hot air dryer or vacuum oven for 12 to 16 hours.

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.

Exclusion of liability

To the best of our knowledge, the information reflects today's know-how and experience of the Krones Group and does not include any guarantee of features, nor does it guarantee the suitability of the product for specific purposes. Legal liability cannot be deduced from information provided or from oral consultation. This product information is not subject to the updating service. It is mandatory to carry out a test run and an inspection of the features before the products are used.

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