

Technical Data Sheet

KRONES creadditive FIL 16 01

Filament

Product description and application

The FIL 160 1 excels in tensile and impact strength and allows continuous use at 120°C while retaining sufficient mechanical properties.

- High tensile
- High temperature resistance

Technical product data

Density	1,4 g/cm ³
Color	black
Print temperature	260 – 280 °C
Heat bed	20 – 50 °C
Fan speed	50 %
Print speed	30 – 40 mm/s
Print core	CC-core

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 weeks, 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): 85°C in a hot air dryer or vacuum oven for 6 to 9 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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