

## KRONES creadditive FIL 11 01 / KRONES creadditive FIL 13 01 Filament

### Product description and application

It is a very strong, easy printable filament, which gives you outstanding printing results, through great layer adhesion as well as high resolution.

- Easy to handle
- 100% recyclable
- Watertight
- Excellent surface finish

### Technical product data:

Nozzle temperature	210 – 230°C
Bed temperature	60 – 80°C
Cooling	0%
Print speed	40 – 80 mm/s
Retraction	Optimal: 6.5 mm mit 35-40mm/s
Layer height	As needed
Extrusion width	≥0,4 mm
Extrusion flow	100 – 105%
Color	FIL 11 01: Transparent FIL 13 01: 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 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](http://www.kic-krones.com/en/downloads.php)

You are also welcome to request them by e-mail to [kic@kic-krones.com](mailto:kic@kic-krones.com).

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### 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: 60°C in a hot air dryer or vacuum oven for 4 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.

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.