

## Technical Product Information

# Berusil FO 22 F

Silicone grease



### Examples of Application

- Self lubricating mechanisms such as in precision instruments, optics, entertainment electronic
- Automotive applications, e.g. switchgear mechanisms, push-pull cables, etc.
- Lubricant for bridge displacements

### Material combinations

- Plastics/stainless steel
- Elastomer/stainless steel
- Plastics/plastics
- Bronze, aluminium, chromium

### Properties

- Resistant to hot and cold water
- Good compatibility with plastics and elastomers
- Excellent oxidation stability
- Thixotrope

### Characteristic data

- Service temperature: -50 °C to +180 °C
- Appearance: white
- NLGI grade: 1

Thickener	Lithium complex soap		
Worked penetration	1/10 mm	310 - 340	DIN ISO 2137
Drop point	°C	≥ 240	IP 396
Water resistance		1 - 90	DIN 51807-1
Flow pressure at -35 °C	mbar	≤ 450	DIN 51805
Base oil	Silicone oil		
Kin. viscosity at 40 °C	mm <sup>2</sup> /s	approx. 75	DIN 51562
Kin. viscosity at 100 °C	mm <sup>2</sup> /s	approx. 31	DIN 51562

### Instructions for use

- Prior to serial production product compatibility tests are recommended
- Do not use on tinned or unprotected surfaces

### Lubrication Solutions for Industry

BECHEM develops, produces and sells high-performance lubricants and process media all over the world. The product range covers the fields of special lubricants, lubricants for industry and lubricants for metal working and forming technology. All product formulations are based on latest tribological knowledge.

### CARL BECHEM GMBH

Weststr. 120  
58089 Hagen · Germany  
Phone +49 2331 935-0  
Fax +49 2331 935-1199  
bechem@bechem.de  
www.bechem.com