

# Berulub FR 16

Special lubricant for metals and polymer materials



## Examples of Application

- Door locking systems
- Central locking systems
- Window regulators
- Sunroofs
- Seat adjustments
- Steering wheel locks
- Construction elements
- Horn contacts
- Push-pull cables
- Small and shift gears
- Plain and roller bearings

## Material combinations

- Plastic/plastic
- Plastic/metal

## Properties

- Dynamically very light multipurpose grease
- Contains pulverised PTFE powder
- Longlife lubrication
- Reduced friction and wear
- Excellent low temperature behaviour
- Water resistant
- Oxidation stability
- Prevents stick-slip
- Neutral towards many plastics and elastomers, we recommend a compatibility test prior to application

## Characteristic data

- Service temperature: -50 °C to +140 °C
- Appearance: beige
- NLGI grade: 2

## Approvals/References

- VW-TL 778 A
- GM 9986248
- Fiat Specification 9.55580 Gras V
- Meets Ford Ford WSD-M1C234-A2

Thickener	Special lithium soap		
Worked penetration	1/10 mm	265 - 295	DIN ISO 2137
Drop point	°C	≥ 190	IP 396
Water resistant	evaluation grade	1 -90	DIN 51807-1
Copper corrosion (24 h/100 °C)	degree of corrosion	1	DIN 51811
Oxidation stability (100 h/99 °C)	bar	0,2	DIN 51808
Flow pressure at +20 °C -35 °C	mbar mbar	≤ 120 ≤ 450	DIN 51805
Base oil	Polyalphaolefin		
Kin. viscosity at 40 °C	mm <sup>2</sup> /s	approx. 32	DIN 51562
Kin. viscosity at 100 °C	mm <sup>2</sup> /s	approx. 6	DIN 51562

## 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.