Product information

Ceramic Paste

PI 29/08/23/2022



Description

Metal-free universal paste for the most demanding applications. With a partially synthetic base oil, sophisticated additive technology and state-of-the-art solid lubricants from the area of high-tech ceramics.

Properties

- resistant to certain organic acids and alkalis
- prevents stick slip
- good water resistance
- prevents seizing and cold welding
- does not attack common sealing materials
- prevents brake noise
- highest load-carrying capacity
- non-toxic

Technical data

Color / appearance white

Base synthetic/mineral oil

Thickener inorganic thickening agents and white solid

lubricants

Density 1,42 g/cm³

Operating temperature -40 bis 1400 °C range als Trennpaste / as a

separating paste

Unworked penetration ca. 340
Base oil viscosity 40°C ca.100 mm²/s

Four-ball tester material 3800/4000 N load/weld force DIN 51 350,4

Friction numbers - thread 0,1

DIN 946

Pressfit test (no stick slip) 0,08

LFW-4 SRV (cylinder/plate; 450 N, 0,10-0,13 μm

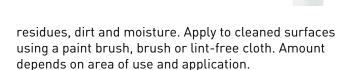
1,000 µm, 50 Hz, 2 h) - Reibungszahl / coefficient of friction

Areas of application

For lubrication of all kinds of high-load sliding surfaces. Especially for low slide speeds and oscillating movements. Also for screw, plug-in and bayonet connectors made from steel and non-ferrous metals. For separation of components subject to heat stress, such as combustion engines, turbines and motor vehicle brake systems. As corrosion protection for bolts, pins, studs, flanges, spindles and seatings in refineries, steel and cement works as well as shipping and agricultural engineering.

Application

Before treating, parts must be clean and free from



Available pack sizes

50 g Tube plastic	3418 D-GB-E
50 g Tube plastic	21701 PL-H-RO
250 g Brush-in-cap can sheet metal	3420 D-GB-I-E-P
1 kg Can sheet metal	3413 D-GB-I-F-P

Our information is based on thorough research and may be considered reliable, although not legally binding.