

Silicon Grease

Greasy release agent for plastic – electrical insulating

Description:

- **Silicon grease** is based on high grade silicon oil and selective additives to control consistency.

Fields of Use:

- As electrical insulating in power stations, towers and lines of electricity projects.
- As greas for different plastic parts.
- Release agent in the field of manufacturing of plastic and rubber products.

Advantages:

- Low toxicity grease.
- High resistance to low and high temperatures.
- No reaction with plastic, glass, ceramic, metal and painted surfaces.
- Water repellent for electrical parts.

Technical Data : (at 25 °C)

Colour	Waxy
Density	0.98 ± 0.02 kg/l
Ash content	34%
Bleed	0.01% (at 150 ° C for 24 h)
Acid number	0.4
Fire point	> 350 ° C
Melting point	= 190 ° C
Evaporation	0.008 % (at 150 ° C for 24 h)
Electric strength	>10 kv / mm
Dielectric loss factor	1 × 10 ⁻⁴ at 250 HZ
Volume resistivity	1 × 10 ¹⁶ ohm. cm

Direction of Use:

(As a release agent or greasing of plastic forms)

- Ensure that surfaces are clean.
- Apply layer of silicon grease by knife to surfaces then handly spreaded.
- Clean tools directly after use by **KEMSOLVE 1**.

(As electrical insulating)

- Fill the glassy insulators with silicon grease before erecting.

Safety Precautions:

- Application should be carried out in well ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water (don't use solvent).
- If the material is splashed into the eyes , they should immediately cleaned with soap and plenty of water (don't use solvent).
- Do not eat or smoke during application.

Storage/ Shelf life:

- 2 years under dry and suitable storage conditions.

Packages:

- 1 kg , 4 kg and 20 kg.