



矽立康絕緣潤滑油

Silicone Dielectric Paste AK-50

JASDI Dielectric Paste AK-50 is a smooth, odourless paste which has excellent dielectric properties; it is chemically and physiologically neutral and completely water-repellent.

The most notable properties comprise the following:

- △ Extraordinary resistance to heat and oxidation
- △ Very small change in consistency over a wide temperature range
- △ Hydrophobic properties
- △ Chemical inertness
- △ Excellence dielectric properties
- △ Good adhesion to various materials

PHYSICAL PROPERTIES AS SUPPLIED:

Bulk penetration	200~300
Volatile matter	after 4hr/200°C below 5%
Bleed	after 4hr/200°C below 3%
Temperature range	145°C to 250°C
Dielectric strength	2 Kv at 0.1mm
Dielectric constant	2.8 at 100Hz
Heat resistance	unchanged 4hr/200°C

JASDI Silicone Dielectric Paste AK-50 is resistant to:

water	steam	methanol
ethanol	glycol	glycerine
mineral oils	animal oils	vegetable oils
caustic soda (25%)	triethanolamine	hydrochloric acid
sulphuric acid (10%)	nitric acid (10%)	(30%)
soda solution (10%)	solution of sodium chloride	acetic anhydride

STORAGE STABILITY:

Given proper storage conditions, **JASDI Heat Sink Paste AK-50** stores indefinitely

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