

Technical Data Sheet

ECS Zinc and silicone-free thermal paste

Art. Nr. 779.010.NGZ15NF

Product description

ECS Zinc and silicone-free thermal paste is a non-silicon thermal grease, Zinc oxide free with thermal conductivity of 1,5W/m-K. Its excellent wettability and low thermal resistance can meet the needs of different customers for thermal interface materials with medium thermal conductivity. The product has good technology and can be applied to screen printing and template printing. Special formulations are designed to achieve long-term storage stability.

Properties

- Moderate TC, low thermal impedance
- Low viscosity, dispensing, metal stencil printing
- Zinc oxide free, long term storage stability

Storage conditions

Temperature control: Storage temperature between 5°C and 30°C is recommended.

Moisture proof: It is recommended that the humidity in the storage environment is not higher than 60%.

Sun protection: It is recommended to store away from light.

Health & Safety

When using materials, certain protective measures should be taken: Ensure that the equipment used meets the requirements specified on the material safety data sheet. Wear protective gloves and goggles. Avoid skin contact. Ensure adequate ventilation on the workplace.

Storage / Shelf Life

Shelf life is 2 years if stored correctly.



Technical Data

Appearance:

offwhite

Density at 20°C: 2,3 g/cm³

Viscosity: 100 Pas

Dielectric Strength: 40 KV/mm

Compability with materials: Good

Temperature resistance: -50 to +180° C

