DSC-5800

Solvent-based insulation varnish

DSC-5800 is a one-component solvent-based product that mainly consists of phenoxy resin. This product features outstanding adhesiveness, rust resistance, and adhesiveness to non-ferrous metals which makes it suitable as a motor ring coating agent.

Usage	Coating for rust resistance for various non-ferrous metals and spindle motor rings

Specification

Type of varnish	One-component alkyd resin		
Product Features	1. It features outstanding adhesiveness of the film. 2. It features outstanding rust resistance. 3. It features outstanding wear resistance. 4. It features outstanding workability due to being a one-component product.		
Thinner	DSC-THINNER	Storage stability (room temperature)	Over 6 months
Exterior	Black liquid		
Viscosity	0.97 ± 0.02 KU	Curing conditions	Over 10 minutes at 180 ℃
Specific gravity	1.15 ± 0.02	UL-certified	Not certified
Curing time	Within 10 minutes (TIN plate, 180 ℃)	Storage conditions	Store in a shaded indoor space with sufficient ventilation.
Mixing ratio	Base : Thinner = 100 : 10 - 20 (Weight)	Shelf life	6 months from the manufacturing date (when storage conditions are met)

Product Properties (Physical Property Data)

Breakdown voltage	Above 7 KV (Twist Pair method, MW-5 Coil)
Volume resistivity	At least 1.0×10^{14} Ω㎝

How to Use

How to Use	1. Mix evenly after adding the substances according to the designated mixing ratio. 2. Apply the product with a spray. (Nozzle radius: Φ1.0 - 1.5㎜, air pressure:1.0 - 2.0 kg/㎠) 3. Place the painted substrate for 10 minutes at room temperature for stabilization. 4. Dry according to the designated curing conditions.
Caution	1. Instructions above may vary depending on the type of substrate and the painting line conditions.

▶ The data shown above were obtained under the laboratory conditions, and the product properties may vary depending on work method and circumstances. Please refer to the property data listed above only as reference.

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