

DEM-1100Y

Adhesive



DEM-1100Y is a **one-component epoxy resin adhesive** that is suitable for places that require adhesiveness. It features outstanding adhesiveness for any materials as well as superior heat resistance.

Usage

Adhesive for electric motors and components

Specification

Type of varnish	One-component epoxy resin		
Product Features	<ol style="list-style-type: none">1. It features outstanding shock resistance due to being soft.2. It features outstanding adhesiveness for all sorts of materials.3. It is a one-component product that is convenient to use.4. It features outstanding adhesiveness.5. It features high thixotropy which helps maintain its form even when drying at high temperature.		
Thinner	None	Pot time (10 °C)	3 months
Exterior	Black		
Viscosity	1400 - 1600 POISE	Curing conditions	150 °C x 30 minutes / 130 °C x 1 - 2 hours
Specific gravity	1.37 ± 0.02	UL-certified	Not certified
Gel time (120°C)	4 - 5 min.	Storage conditions	Store in a shaded indoor space with sufficient ventilation.
Mixing ratio	One-component type	Shelf life	3 months from the manufacturing date (when refrigerated)

Product Properties (Physical Property Data)

Adhesive strength	8 - 9 Kgf/mm ²
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How to Use

How to Use	<ol style="list-style-type: none">1. Apply the product on the substrate.2. Dry according to the designated curing conditions.
Caution	<ol style="list-style-type: none">1. Instructions above may vary depending on the type of substrate and the painting line conditions.2. This product is a one-component product mixed with hardener and there is a possibility of the product turning into gel due to heat. Thus store the product in a refrigerated space.3. Please refer to the MSDS when handling the product.

► 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.