

# Adhesives

Http://www.jeilchemical.com

## JA-556B

### 1. Product use

- 1) It is used for adhesion of metal and metal products or metal and non-metal with high temperature curing system.
- 2) Used for metal and magnetic steel.
- 3) Used for DC motor in automobile.

### 2. Features

- 1) High temperature curing system epoxy adhesive
- 2) It offers exceptional mechanical and electrical strengths.
- 3) It has maximum adhesion after curing.
- 4) It has less product damage, high workability.

### 3. Others

- 1)Store condition
  - a. Store at temperature under 10°C, No degradation of physical properties within 300days(store at low temperature) and within 150days(store at room temperature)
  - b. Storage box should be sealed.
  - c. Avoid direct light and fire.
  - d. Loss after using store at low temperature.

#### 2)Shelf life

- a. Low temperature(under 10°C) : 300days
- b. Room temperature(under 20°C) : 150days

#### 3)Curing condition

- a. 1hr at 120°C, 30min at 150°C
- b. Degradation of physical properties if it has long curing time at high temperature.

### 4. Properties (Temperature:25°C, Humidity:45%)

Items	Unit	One pack
Color	-	Ivory white
Viscosity	Cps / 25°C	THIXO
Specific gravity	-	1.35± 0.05
Pot life	20°C at 100g scale	150 day
Tensile bond strength	N/mm <sup>2</sup>	17 more than
Hardness	Shore D	86 more than
heat deflection temperature	°C	110
low-temperature resistance	°C	-20



JA-556B

987-4, GO-YEON RI, UNG-CHON MYEON, ULJU-GUN, ULSAN, KOREA

JEF-QC-037

㈜제일화성

A4(210mm X 297mm)