



# SANHO CHEMICAL CO., LTD.

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## KINGMIDE 715-A

KINGMIDE 715-A is a medium viscosity, modified polyamide resin designed for use with liquid epoxy resins to achieve cure at room temperature. KINGMIDE 715-A offers good compatibility with epoxy resin and give long pot life. Combine with KINGEPO SEP-85N epoxy resin, the thin film offers good adhesion strength and toughness. It has been designed for use in castings, putties and adhesives.

### 1. SPECIFICATIONS

Appearance	: Brown-colored viscous liquid
Viscosity(mPa · s /25°C)	: 1,000 ~ 3,000
Amine Value(JIS)	: 290 ± 40
Color ( Gardner )	: 12 Max.
A.H.E.W.	: 120

### 2. RECOMMENDED MIXING RATIO

50~70 parts by weight to 100 parts of Bisphenol-A type epoxy resin whose epoxy equivalent weight is about 190.

45~55 parts by weight to 100 parts of KINGEPO SEP-85N epoxy resin whose epoxy equivalent weight is about 240.

### 3. CURING CHARACTERISTICS

Exothermic Reaction.

Epoxy resin : bisphenol-A type liquid epoxy resin whose epoxy equivalent weight is about 190 and KINGEPO SEP-85N epoxy resin whose epoxy equivalent weight is about 240.

Total mass : 100g

Room temperature : 23°C

Epoxy resin (EEW=190)/ KINGMIDE 715-A	100 / 60	
KINGEPO SEP-85N / KINGMIDE 715-A		100 / 50
Peak exothermic time. (min.)	>180	80
Peak exothermic temp. (°C)	30	42