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## **KINGMIDE 310**

KINGMIDE 310 is a polyaminoamide curing agent for liquid epoxy resin to achieve fast cure more than KINGMIDE 305 at ambient temperature. It has a high molecular weight and provide the cured products with high orders of flexibility  $\cdot$  adhesion  $\cdot$  good chemical and water resistance  $\circ$  The major applications of KIMGMIDE 310 are for general adhesives  $\cdot$  civil engineering and construction  $\circ$ 

## 1. SPECIFICATIONS

Appearance : Brown-colored liquid.

Viscosity (mPa·s/ $40^{\circ}$ C) : 30,000 ~ 50,000

Amine Value (JIS)  $: 250\pm15$ Colour (Gardner) : 12 Max.A.H.E.W. : 170

## 2. RECOMMENTED MIXING RATIO

1) 90~110parts to 100 parts of Bisphenol-A type epoxy resin whose epoxy equivalent weight is about 190.

## 3. CURING CHARACTERISTICS

Epoxy resin : Employed Bisphenol-A type epoxy resin whose epoxy equivalent

weight is about 190.

Total mass : 100 gram

Room temp.  $: 25^{\circ}\mathbb{C}$ 

EXOTHERMIC REACTION			
Mixing ratio = Epoxy resin / KINGMIDE 310	50 / 50		
Peak exothermic time.(min.)	143		
Peak exothermic temp.(°ℂ)	45		