



SANHO CHEMICAL CO., LTD.

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KINGCURE X-2001

KINGCURE X-2001 is a mannish type Epoxy Resin hardener. Based on aromatic amine developed for low viscosity fast curing.

KINGCURE X-2001 can be used in all normal amine reactions . It is a slightly yellow product and has only limited solubility in water.

The reactivity with epoxy resin is so high that no accelerator are required The cure takes place at high atmospheric humidity at temperature down to 5°C and even under water.

1. SPECIFICATIONS

Appearance	: Clear, low viscosity, light honey-colored liquid.
Viscosity(mPa·s /25°C)	: 1,200 ~ 2,500
Amine Value (JIS)	: 420±20
Colour (Gardner)	: 8 Max.
Specific Gravity (25/25°C)	: 1.11
A.H.E.W	: 80

2. RECOMMENDED MIXING RATIO

30~45 parts by weight to 100 parts of liquid epoxy resin whose epoxy equivalent weight is about 190.

3. CURING CHARACTERISTICS

3-1 Exothermic Reaction.

Epoxy resin	: bisphenol-A type liquid epoxy resin whose epoxy equivalent weight is about 190.
Total mass	: 100g
Room temperature	: 23°C

Epoxy resin / KINGCURE X-2001	70/30
Peak exothermic time. (min.)	14
Peak exothermic temp. (°C)	187