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KINGCURE2010

KINGCURE 2010 is a mannish type Epoxy Resin hardener. Based ON MXDA developed for low viscosity fast curing.

KINGCURE 2010 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, light honey-colored liquid.
Viscosity	: 1,200~2,000 mPa·s (25°C)
Colour (Gardner)	: 4 Max.
Amine Value	: 415±20
Specific Gravity	: 0.96 (25/25°C)
AHEW	: 82

2. RECOMMENDED MIXING RATIO

35~50 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 2010	67/33		
Peak exothermic time. (min.)	13		
Peak exothermic temp. (°C)	189		
Gel time (min.)	10		