



SANHO CHEMICAL CO., LTD.

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KINGCURE X-166K

KINGCURE X-166K is a low viscosity, modified aliphatic polyamines epoxy curing agent. It has been designed for use in solventless coatings and leveling floorings (Low temperature High humidity) where excellent flow, good adhesion and high gloss films are required.

1. SPECIFICATIONS

Appearance	: Light yellow colour low viscous liquid.
Viscosity(mPa · s /25°C)	: 80 ~ 150
Color (Gardner)	: 5 Max.
Amine Value(JIS)	: 310±20
Specific Gravity(25 / 25°C)	: 1.04
A.H.E.W	: 95

2. RECOMMENDED MIXING RATIO

45~55 parts by weight to 100 parts of bisphenol-A type 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	: 21°C

Epoxy resin / KINGCURE X-166K		100 / 50	
Peak exothermic time. (min.)		42	
Peak exothermic temp. (°C)		150	
Gel time (min.)		30	