



SANHO CHEMICAL CO., LTD.

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KINGCURE M-510

KINGCURE M-510 is the modified activated aromatic amine curing agent for use with liquid epoxy resin. It has the features of low viscosity and fast curing. The cured product with epoxy resin is further characteristic by the excellent water resistance and chemical resistance, application for primer coating of civil engineering. casting

1. SPECIFICATIONS

Appearance	: deep brown color liquid.
Viscosity (25°C)	: 500~2,000 mPa · s
Color (Gardner)	: 18 Max.
Amine Value	: 330 ± 25(JIS)
Specific Gravity	: 1.13 (25 / 25°C)
A.H.E.W.	: 85

2. RECOMMENDED MIXING RATIO

45~55 parts by weight to 100 parts of bisphenol-A liquid whose epoxy equivalent weight is about 190.

3. CURING CHARACTERISTICS

3-1 Exothermic Reaction.

Epoxy resin	: bisphenol-A type liquid whose epoxy equivalent weight is about 190.
Total mass	: 100g
Room temperature	: 25°C

Epoxy resin / KINGCURE M-510	100 / 50
Peak exothermic time. (min.)	16
Peak exothermic temp. (°C)	186