



SANHO CHEMICAL CO., LTD.

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KINGCURE M-510BS

KINGCURE M-510BS 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 (mPa · s /25°C)	: 300 ~ 700
Amine Value (JIS)	: 280 ± 20
Color (Gardner)	: 18 Max.
Specific Gravity (25 / 25°C)	: 1.13
A.H.E.W.	: 95

2. RECOMMENDED MIXING RATIO

40~60 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-510BS	100 / 50
Peak exothermic time. (min.)	30
Peak exothermic temp. (°C)	162