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KINGCURE 800-C

KINGCURE 800-C is a mercaptan terminated liquid polymer which imparts rapid-cure characteristics to epoxy resins in combination with selected amines these systems are unique in that they also provide rapid cure rates at low temperatures and thin film application in construction adhesives(Bonding compounds) 、 5min fast-setting adhesives

1. SPECIFICATIONS

Apperance : light yellow, liquid.
Viscosity (mPa·s/ 25°C) : 10,000 ~ 20,000
Amine Value (JIS) : 250±20
Color (Grander) : 5 Max.
AHEW : 180

2. RECOMMENDED MIXING RATIO

80~110 Parts by weight to 100 parts of liquid epoxy resin whose epoxy equivalent weight is about 190.

3. CURING CHARACTERISTICS

Epoxy resin : Employed a liquid epoxy resin of bis-phenol A type whose EEW was about 190.

Total mass : 100g

Room temp : 23°C

Exothermic Reaction			
Mixing ratio=Epoxy resin/ KINGCURE 800-C	100 / 80	100 / 100	100 / 110
Peak exothermic time (min)	8	7	5
Peak exothermic temp (°C)	156	158	161