

Product information

ANCAMINE[®] 2844

Curing Agent

DESCRIPTION

Ancamine[®] 2844 curing agent is a low viscosity high solids amine curing agent designed for use in plural component spray applications. It exhibits ultra-fast cure and rapid property development at low temperature providing excellent surface appearance.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Colorless to light yellow liquid		
Colour	10	Gardner	ISO 4630
Viscosity @ 25°C	1000 - 2000	mPa.s	ISO 2555
Amine Value	460	mg KOH/g	DIN 16945
Specific Gravity @ 21°C	1.04		ISO 2811
Equivalent	70	Wt/{H}	
Recommended use Level	40	PHR	With bisphenol-A based epoxy resin (EEW=190)

ADVANTAGES

- . Ultra-fast cure and rapid property development at low temperature
- . Excellent surface appearance at low temperature and high humidity conditions
- . Good chemical resistance

APPLICATIONS

- . Marine
- . Protective coating

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

HANDLING PRECAUTIONS

Refer to the Safety Data Sheet for Ancamine 2844 curing agent.

TYPICAL CURE SCHEDULE

1 day at ambient temperature.

TYPICAL PERFORMANCE PROPERTIES

Property	Value	Unit	Method
Gel Time	13	mins	Techne Gelation Timer, 150 g mix
Thin Film Set Time @ 23 °C	1/2	h	ASTM D 5895 - Dry hard time
Thin Film Set Time @ 5°C	3/4.5	h	ASTM D 5895 – Dry hard time
PersoZ Hardness after 1 / 7 days	200/350	s	ISO 1522
Carbamation Resistance @ 23 °C	5		ISO 2812
Carbamation Resistance @ 5°C	5		ISO 2812

*With bisphenol-A based epoxy resin (EEW=190)

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