

Product information

ANCAMINE[®] 2806

Curing Agent

DESCRIPTION

Ancamine 2806 curing agent is a low viscosity modified aliphatic amine curing agent intended for use with liquid epoxy resin at ambient temperature applications.

Ancamine 2806 curing agent is free from nonyl phenol and alkyl-substituted phenol. It offers an excellent low colour and can be used to enhance pot life of cycloaliphatic amines.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Colorless to light yellow liquid		
Colour	max 2	Gardner	ISO 4630
Viscosity @ 25°C	30-100	mPa.s	ISO 2555
Amine Value	310-340	mg KOH/g	DIN 16945
Specific Gravity @ 21°C	1.0		ISO 2811
Equivalent	76	Wt/{H}	
Recommended use Level	40	PHR	With bisphenol-A based epoxy resin (EEW=190)

ADVANTAGES

- Free of nonyl phenol and alkyl-substituted phenol
- Good resistance to blushing and exudation
- Low colour
- Good chemical resistance against water, aqueous alkalis and inorganic acids

APPLICATIONS

- High solids and solvent free coatings
- Industrial flooring applications
- Laminates, adhesives and castings

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. Do not freeze.

HANDLING PRECAUTIONS

Refer to the Safety Data Sheet for Ancamine 2806 curing agent.

TYPICAL HANDLING PROPERTIES 23°C, 50% RH*

Property	Value	Unit	Method
Mix viscosity	600-700	mPa.s	ISO 2555
Gel Time	100-120	mins	Techne Gelation Timer, 150 g mix
Thin Film Set Time	12	h	ASTM D 5895 – Dry hard time
PersoZ Hardness after 1 / 7 days	100/300	s	ISO 1522
Shore Hardness after 1 / 7 days	40D/80D		ISO 868
Typical cure schedule	2-7	days	

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

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