

Product information

ANCAMINE[®] 3140

Curing Agent

DESCRIPTION

Ancamine 3140 curing agent is a nonyl phenol free aliphatic polyamine Mannich base curing agent designed for use with liquid epoxy resin. The product offers excellent moisture tolerance and high reactivity at the low temperature condition. Ancamine 3140 curing agent will react with liquid epoxy resin at low temperature and high humidity to produce a highly chemical resistant surface coating.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, yellow liquid		
Colour	≤ 5	Gardner	ASTM D 1544-80
Viscosity @ 25°C	550-750	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	375-425	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.03		
Equivalent	75	Wt/{H}	
Recommended use Level	40	PHR	With Bisphenol A diglycidyl ether (EEW=190)

ADVANTAGES

- Moisture tolerant
- Fast cure and development of properties at ambient and low temperature
- Excellent chemical and mechanical resistances
- Nonyl phenol free

APPLICATIONS

- Chemical resistant high solids and solvent free coatings and industrial floorings
- Protective coatings
- Accelerator for other curing agents

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.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 3140 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time (250g mix at 23°C)	15-20	mins	Techne GT-3 Gelation Timer
Typical cure schedule	2-7	days	

*With Bisphenol A diglycidyl ether (EEW=190)

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