

Product information

ANCAMINE[®] 3456

Curing Agent

DESCRIPTION

Ancamine 3456 curing agent is a formulated aliphatic polyamine adduct designed for use with liquid epoxy resin at ambient temperature.

Ancamine 3456 curing agent is recommended as flexible binder for adhesives, rubber filled and flexible floorings. Ancamine 3456 curing agent is free from phenol, nonyl phenol and bisphenol A.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber liquid		
Colour	≤ 6	Gardner	ASTM D 1544-80
Viscosity @ 77°F (25°C)	500-1500	mPa.s	Brookfield RVT D, Spindle 4
Amine Value	160-190	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 70°F (21°C)	0.97		
Equivalent Wt/{H}	250		
Recommended Use Level	125-135	phr	With Bisphenol-A diglycidyl ether (EEW=190)

ADVANTAGES

- Highly flexible cure
- Phenol and alkyl-substituted phenol-free
- Rapid cure

APPLICATIONS

- Flexible floor systems such as rubber filled for mezzanine/suspended floors
- Adhesives
- Modifier/ flexibilizer for other amine cured systems

SHELF LIFE

At least 36 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.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 3456 curing Agent.

TYPICAL HANDLING PROPERTIES

Property	Value	Unit	Method
Gel Time, (250g mix at 74°F/ 23°C)	35	min	Techne GT-3 Gelation Timer
Typical cure schedule	2 - 7	days	

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