

Product information

ANCAMINE[®] 2764

Curing Agent

DESCRIPTION

Ancamine 2764 curing agent is low color, low viscosity, modified cycloaliphatic amine intended for use as an ambient temperature curing agent for liquid epoxy resins.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, Yellow Liquid		
Color	<3	Gardner	ASTM D 1544
Viscosity @ 23°C	70-130	cPs	ASTM D 2196-05, Brookfield RVTD
Specific Gravity @ 25°C	1.03		
Amine Value	260-280	mg KOH/g	Perchloric acid titration
Equivalent Wt/{H}	104-108		
Recommended Use Level	55	PHR	Bisphenol A diglycidyl ether resin (EEW=190)

ADVANTAGES

- Low viscosity
- Low color
- Good chemical resistance
- Good low temperature cure
- Good waterspot resistance

APPLICATIONS

- Industrial flooring applications - self-levelling floors, primers and topcoats
- High solids coatings
- Secondary containment linings

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2764 curing Agent.

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Material may solidify or gel upon exposure to low temperatures (< -10°C) for extended periods of time. Gelled or solidified material can be utilized after reconditioning at elevated temperatures without impacting handling or physical properties. Detailed reconditioning procedure is available as standard operating procedure upon request.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Mix Viscosity@ 25°C	1050	cPs	ASTM D 2196-05, Brookfield RVTD
Gel Time (150g mass, 25°C)	35-40	min	Bisphenol A diglycidyl ether resin (EEW=190) Techne GT-3 Gelation Timer
Thin Film set time	5-6	h	BK Drying Recorder phase III
Hardness Shore D @ 23°C	81/ 83	16h/ 24h	
Hardness Shore D @ 10°C	65/ 76	16h/ 24h	

* Bisphenol A diglycidyl ether resin (EEW=190)

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