

Product information

ANCAMINE[®] 2764

Curing Agent

DESCRIPTION

Ancamine[®] 2764 is a low color, low viscosity, modified cycloaliphatic amine curing agent intended for use with liquid epoxy resin cured at ambient temperature.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear yellow liquid		
Colour	< 3	Gardner	ASTM D 1544
Viscosity @ 25°C	75-130	mPa.s	Brookfield RVTD, spindle 4
Amine Value	250-270	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.03		Techne GT-3 Gelation Timer, 150 g mix
Equivalent Wt/{H}	104		
Recommended use Level	55	PHR	Cured with bisphenol-A based epoxy resin (EEW=190)

ADVANTAGES

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

APPLICATIONS

- High solids coatings
- Secondary containment lining
- Industrial flooring

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 2764 curing agent.

PROPERTIESTYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Mix viscosity @ 25°C	1050	mPa.s	Brookfield RVTD, spindle 4
Gel Time @ 25°C	35-40	mins	Techne Gelation Timer, 150 g mix
Thin Film Set Time @ 23°C	5.0	h	ASTM D 5895 — BK Drying Recorder, Phase 3
Hardness Shore D (16/24 h @ 23°C)	81/83		ASTM D 2240
Hardness Shore D (16/24 h @ 10°C)	65/76		ASTM D 2240
Typical cure schedule	2-7	days	

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

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