

Product information

ANCAMINE[®] 2800

Curing Agent

DESCRIPTION

Ancamine 2800 is a modified polyamine intended for use as a curing agent for diluted liquid epoxy resin at ambient and low temperature application. Ancamine 2800 is free of nonyl phenol, facilitating in low volatile organic component coating and flooring formulations.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, Yellow Liquid		
Colour	< 5	Gardner	ASTM D 1544-80
Viscosity @ 25°C	250-650	cPs	ASTM D 2196-05, Brookfield RVTD
Amine Value	350-550	mg KOH/g	Perchloric acid titration
Specific Gravity @ 21°C	1.03		
Equivalent Wt{H}	80-90		
Recommended Use Level	40-45	phr	Bisphenol A diglycidyl ether resin(EEW=190)/ Epodil 748 and 749 (80:10:10)

BENEFITS

- Moisture tolerant
- Fast cure
- Low temperature cure
- Excellent chemical resistance
- Nonyl phenol free
- Low VOC and Emissions

APPLICATIONS

- Moisture vapor barrier
- Protective coatings
- Industrial flooring applications

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Safety Data Sheet on Ancamine 2800 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time @ 25°C, 150g mass	35-45	min	Techne GT-3 Gelation Timer
Thin Film set time (23°C)	6	h	BK Drying Recorder phase III
Hardness Shore D @ 23°C (8h/ 24h)	76/ 81		
Compressive Strength	13,548	psi	ASTM D 695-08
Compressive Modulus	327	thousand psi	ASTM D 695-08
Tensile Strength	10,024	psi	ASTM D 638-14
Tensile Modulus	525	thousand psi	ASTM D 638-14
Tensile Elongation @ Break	2.6	%	ASTM D 638-14

*Bisphenol A diglycidyl ether resin(EEW=190)/ Epodil 748 and 749 (80:10:10)

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