Product information

ANCAMINE® 2892

Curing Agent

DESCRIPTION

Ancamine® 2892 Curing Agent is a modified polyamine curing agent that enables good ambient and low temperature cure when cured with diluted liquid epoxy resin. The curing agent is specifically designed for use in two-component solvent-free or high solid epoxy coating systems, where low emission is a key requirement. The product offers moderate pot-life whilst retaining fast cure speed, with good through cure and providing excellent corrosion resistance.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	**Pale Amber Liquid**		
Colour	**max. 3**	Gardner	ASTM D1544
Viscosity @25°C	**200-600**	mPa.s	Rheotec RC30
Amine Value	**520-590**	mg KOH/g	Hydrochloric Acid - Auto Titration
Specific Gravity @25°C	**1.01**		
Equivalent	**95**	Wt/ {H}	
Recommended Use Level	**50**	(PHR, EEW=190)	

BENEFITS

- Solvent free and low emission technology
- Fast cure and development of properties at ambient and low temperatures (10°C)
- Good early water resistance
- High mechanical and corrosion resistance

APPLICATIONS

- Emission compliant protective and marine coatings
- Corrosion resistance, high solid and solvent-free coatings

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STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2892 curing agent.

SHELF LIFE

At least 24 months from the date of manufacturing in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

PACKAGING AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2892

TYPICAL CURE PROPERTIES*

Property	Value	Unit	Method
Gel Time	**60**		Techne GT-5 Gelation Timer, 150 g mix
Thin Film Set Time @23°C/60% RH phase 3	**6**	h	ASTM D 5895 - BK Drying Recorder, Phase 2/3, 60% RH
Thin Film Set Time @ 10°C/60%RH phase 3	**10**	h	ASTM D 5895 - BK Drying Recorder, Phase 2/3, 60% RH
Persoz Hardness (1d/7 d @ 23°C 60% RH)	**350/395**	s	ISO 1522
Specular Gloss 60° cured @23°C/60% RH	**103**		
Carbamation Resistance 1d/7d @23°C	**4/5**		ISO 2812-3 (Wet Patch Method), scale 1-5 (5 is best)

* All properties are generated using a standard liquid epoxy resin (bisphenol A diglycidylether; - EEW 190)

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