

Product information

ANCAMINE[®] 2728

Curing Agent

DESCRIPTION

Ancamine 2728 curing agent is a modified aliphatic polyamine adduct intended for use as a low temperature curing agent for liquid epoxy resin. The product exhibits fast cure under adverse conditions of high humidity and low temperature, and will cure at temperatures as low as 0°C

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Pale yellow liquid		
Colour	< 7	Gardner	ASTM D 1544-80
Viscosity @ 25°C	1000-2000	mPa.s	Brookfield, Spindle 4
Solids Content	59-61	%	
Amine Value (as supplied)	250-290	mg KOH/g	Perchloric Acid Titration
Equivalent (solids)	140	Wt/{H}	
Equivalent (as supplied)	233	Wt/{H}	
Recommended use Level	100 ± 20	PHR	With Bisphenol A diglycidyl ether (EEW=190)

ADVANTAGES

- Good low temperature cures
- High gloss, low blush when cured under adverse conditions

APPLICATIONS

- Marine coatings
- Industrial maintenance

SHELF LIFE

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

PACKAGING AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2728 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time (150g mix at 25°C)	95	mins	Techne GT-3 Gelation Timer
Thin Film Set Time 25°C,	2.5/5	h	BK Drying Recorder Phase II/III
Thin Film Set Time 5°C,	9/17	h	BK Drying Recorder Phase II/III
Set-to-Touch/Thumb-twist 25°C,	1.5/4	h	
Set-to-Touch/Thumb-twist 5°C,	6/22	h	
Typical cure schedule	2-7	days	

TYPICAL PERFORMANCE PROPERTIES*

Property	Value	Method
Carbamation Test	5	Scale 1-5 (5 is best)

*With Bisphenol A diglycidyl ether (EEW=190) 80 parts curing agent to 100 parts BADGE, n-Butanol added to achieve application viscosity

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