Product information

ANCAMINE® 2768

Curing Agent

DESCRIPTION

Ancamine 2768 curing agent is a modified cycloaliphatic polyamine intended for use as a room temperature curing agent for liquid epoxy resin. The product offers broad balance of chemical resistance and surface appearance with a long working pot life. Ancamine 2768 curing agent provides high mechanical build, rapid cure and is particularly suitable for lower temperature use.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Light Yellow Liquid		
Color	max 4	Gardner	ASTM D 1544
Viscosity @ 25°C	50-250	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	320-370	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.0		
Equivalent Wt/{H}	95		
Recommended Use Level	50	PHR	Cured with bisphenol-A based epoxy resin (EEW=190)

ADVANTAGES

- Low viscosity
- Good low temperature cure speed
- Long working pot-life

APPLICATIONS

- Industrial primers, screeds and grouts
- High solid coatings

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.

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STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2768 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time @ 25°C	30-40	min	Techne GT-3 Gelation Timer, 150 g mix
Thin Film Set Time @ 25°C	4.0	h	ASTM D 5895 - BK Drying Recorder, Phase 3
Hardness Shore D 7d @ 25°C	85		ASTM D 2240
Hardness Shore D 24h @ 10°C	83		ASTM D 2240
Typical cure schedule	2-7	days	

TYPICAL PERFORMANCE PROPERTIES*

Property	Value	Unit	Method
Compressive Strength	90	MPa	ASTM D695
Compressive Modulus	2	GPa	ASTM D695
Carbamation Resistance @ 25°C	3		ISO 2812 (wet patch method) , Scale 1-5, 5=Best

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

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