

ANCAMINE[®] 2692**Curing Agent****DESCRIPTION**

Ancamine 2692 curing agent is a modified cycloaliphatic polyamine intended for use as a room temperature curing agent for liquid epoxy resin. The product offers a broad balance of chemical resistance and surface appearance properties with a long working pot life. Ancamine 2692 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		
Colour	max 5	Gardner	ASTM D 1544-80
Viscosity @ 25°C	100-400	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	300-350	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.0	g/ml	
Equivalent	95	Wt/{H}	
Recommended use Level	50	PHR	With Bisphenol A diglycidyl ether(EEW=190)

ADVANTAGES

- Excellent chemical resistance
- Good low temperature cure
- Long working pot life

APPLICATIONS

- Industrial flooring, screeds, primers, grouts
- Trowel floors
- High solids coatings
- Secondary containment

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 2692 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time (150g mix @ 25°C)	35	mins	Techne GT-3 Gelation Timer
Thin Film Set Time @ 25°C	4.1	h	BK Drying Recorder, Phase III
Shore D Hardness @ 25°C	80		DIN 53505
Shore D Hardness @ 10°C	69		DIN 53505
Typical cure schedule	2- 7	days	

TYPICAL PERFORMANCE PROPERTIES*

Property	Value	Unit	Method
Compressive Strength	88	MPa	ISO 604
Compressive Modulus	2.2	GPa	ISO 604
Flexural Strength	95	MPa	ISO 178
Flexural Modulus	3.0	GPa	ISO 178
Heat Distortion Temperature	50	°C	ASTM D648
Carbamation Test	4		ISO 2812 (Wet Patch Method), scale 1-5 (5 is best)

*With Bisphenol A diglycidyl ether (EEW 190)

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