

## Product information

# ANCAMINE<sup>®</sup> 2719

## Curing Agent

### DESCRIPTION

Ancamine 2719 curing agent is a nonyl- and p-tert-butyl phenol free aliphatic polyamine Mannich base curing agent designed for use with liquid epoxy resin. It is of low viscosity and highly reactive at low temperatures ~5°C. Ancamine 2719 will react with liquid epoxy resins at low temperature to produce a highly chemical resistant surface coating.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Brown liquid		
Colour	14	Gardner	ASTM D 1544-80
Viscosity @ 25°C	300-500	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	340-380	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.03		
Equivalent	75	Wt/{H}	
Recommended use Level	40	PHR	With Bisphenol A diglycidyl ether (EEW=190)

### ADVANTAGES

- Fast cure
- Low temperature cure
- Excellent chemical resistance
- Nonyl phenol free

### APPLICATIONS

- Protective coatings
- Industrial applications
- Potable water 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.

## PACKAGING AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2719 curing agent.

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit	Method
Mix Viscosity 25°C	2400	mPa.s	
Gel Time (150g mix at 25°C)	20	min	Techne GT-3 Gelation Timer
Thin Film Set Time 23°C	2.5	h	BK Drying Recorder Phase III
Hardness Shore D at 25°C (24h)	80		DIN 53505
Hardness Shore D at 10°C (24h)	72		DIN 53505
Typical cure schedule	2-7	days	

## TYPICAL PERFORMANCE PROPERTIES\*

Property	Value	Unit	Method
Tensile Strength	52	MPa	ISO 527
Tensile Modulus	3.1	GPa	ISO 527
Tensile Elongation at Break	4.9	%	
Flexural Strength	106	MPa	ISO 178
Flexural Modulus	2830	MPa	ISO 178
Compressive Strength	108	MPa	ASTM C579-96
Compressive Modulus	1865	MPa	ASTM C579-96

\*With Bisphenol A diglycidyl ether (EEW=190)

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