

**ANCAMINE<sup>®</sup> 2913****Curing Agent****DESCRIPTION**

Ancamine 2913 is an amine curing agent design to use with Epoxy resin for Cured-In-Place-Pipe applications. The combination of very long pot life at room temperature and lower temperature of cure allow fabricators to store impregnated felt for prolong period under a refrigerated condition. After inversion of the felt/fabric into the host pipe it cures at low temperature in short time.

**TYPICAL PROPERTIES**

Property	Value	Unit	Method
Appearance	Amber Liquid		
Colour	≤ 11	Gardner	ASTM D 1544
Viscosity @ 25 °C	150-200	mPa.s	Brookfield RVTD, spindle 27
Thermal Performance	80 100	°C (10phr) °C (15phr)	By DSC-Isothermal Cure 75C-2h
Specific Gravity @ 25 °C	0.93		
Equivalent Wt/{H}	28		
Recommended Use Level	10-15	phr	With bisphenol-A based epoxy resin (EEW=190)
Time to 200,000 cps @ 25°C	20 - 24	h	

**ADVANTAGES**

- Long Pot life
- Excellent adhesion
- Excellent mechanical properties
- Low viscosity
- Lower exotherm
- Solvent free

**APPLICATIONS**

- Cured In-Place Pipe
- COMPOSITE PREPREG
- Potting and Encapsulation

**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 2913 curing agent.

## TYPICAL CURE SCHEDULE

65°C (150°F) — 2 hours

## MECHANICAL PERFORMANCE (CAST PANELS)

Property	10 PHR	15 PHR	Unit	Method
Flexural Strength	19,062	19,511	psi	ASTM D790
Flexural Modulus	541,727	517,764	psi	
Tensile Strength	9,823	9,177	psi	ASTM D638
Tensile Modulus	471,035	442,598	psi	
Elongation at Break	3	3	%	
Compressive Strength	15,438	15,436	psi	ASTM D695
Compressive Modulus	353,873	357,828	psi	

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