

ANCAMINE[®] 2678**Curing Agent****DESCRIPTION**

Ancamine 2678 curing agent is designed for use as a curing agent for liquid epoxy resins with similar performance to AEP in most applications. It is characterized by its rapid gel at room temperature to give a B-stage cure. It requires an elevated temperature post-cure to obtain optimum properties, notably high impact strength and good thermal shock resistance. It can also be formulated with flexibilizers, plasticizers, and other amines to give systems that will cure at room temperature.

TYPICAL PROPERTIES

Property	Value	Unit
Appearance	Clear Liquid	
Colour	<2	Gardner
Viscosity @ 25°C	35	
Amine Value	1,300	mg KOH/g
Density @ 25°C	0.97	g/cm ³
Flash Point, (closed cup)	>104	°C
Equivalent	30	Wt/{H}
Recommended Use Level	16	phr, EEW=190

ADVANTAGES

- Rapid cure
- Excellent adhesion
- Low viscosity

APPLICATIONS

- Accelerator for other curing agents
- Civil Engineering
- Coatings
- Adhesives
- Composites
- Electrical pottings 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 2678 curing agent.

TYPICAL CURE SCHEDULE

Gel at room temperature plus 2 h at 100°C.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit
Gel Time (150g mix at 25°C)	29	min
Thin Film Set Time @ 25°C	135	min

*Ancamine 2678 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

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