

Product information

ANCAMINE[®] 2785

Curing Agent

DESCRIPTION

Ancamine 2785 curing agent is an accelerated modified aliphatic amine curative intended for use with liquid epoxy resins in two-part ambient cure systems. It has been designed for use where rapid thin film cure is required. Ancamine 2785 curing agent may also be used as an accelerator for other amine-based curing agents.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, Straw-colored Liquid		
Color	< 4	Gardner	
Viscosity @ 77°F	2,000-5,500	cPs	Brookfield viscometer LV, spindle 21, 77°F
Amine Value	600-630	mg KOH/g	Perchloric acid titration
Specific Gravity @ 77°F	1.04		
Equivalent Wt{(H)}	97		
Recommended Use Level	48	phr	EEW=190
Recommended Use Level	20	PHR	Perchloric acid titration

BENEFITS

- Ultra-low temperature cure (-6°C)
- Fast cure speed
- Rapid property development
- Crystallization-resistant

APPLICATIONS

- Solvent-free coatings
- Accelerator for other curing agents
- Patch repair compounds
- Adhesives

SHELF LIFE

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 on Ancamine 2785.

TYPICAL HANDLING PROPERTIES (@ 25°C)

Property	Value	Unit	Method
Gel Time (150g mix mass)	3-7	min	Bisphenol A diglycidyl ether resin (EEW=190), Techne GT-3 Gelation Timer, Techne GT-4 Gelation Timer
Thin Film Set Time @ 25°C	1	h, Stage III	Formulated with Liquid Epoxy Resin (EEW=190) at the recommended use level of 20 phr, 150g mix. Mickle Laboratory Engineering Co. BK drying recorder, 77°F/ 50% RH

TYPICAL FORMULATION (BY WEIGHT)

Property	Value
Liquid epoxy resin (EEW=190)	100
Ancamine 2785	48

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