

ANCAMINE® 2785 Epoxy 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.

ADVANTAGES

- 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 for Ancamine 2785 curing agent.

TABLE 1: TYPICAL PROPERTIES

Appearance:	Clear, Straw-colored Liquid
Color (Gardner)	<4
Viscosity @ 25°C (cPs)¹	2,000-5,500
Amine Value (mg KOH/g)²	600-630
Equivalent Wt/{H}	97
Recommended Use Level (phr, EEW 190)	48
Recommended Use Level² (PHR)	20

TABLE 2: TYPICAL HANDLING PROPERTIES (@ 25°C)

Gel Time^{3,5} (150g mix mass) min	3-7
Thin Film Set Time 3, 4, @ 25°C, h Stage II	1

TABLE 3: TYPICAL FORMULATION (BY WT.)

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

Footnotes:

- (1) Brookfield viscometer LV, spindle 21, 77°F
- (2) Perchloric acid titration
- (3) Formulated with Liquid Epoxy Resin (EEW=190) at the recommended use level of 48 phr, 150g mix.
- (4) Mickle Laboratory Engineering Co. BK drying recorder, 77°F/50% RH
- (5) Techne GT-6 Gelation Timer

Epoxy Curing Agents and Modifiers

ANCAMINE® 2785 Epoxy Curing Agent

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