

Product information

ANCAMINE[®] 2765

Curing Agent

DESCRIPTION

Ancamine 2765 Curing Agent is a light-colored aliphatic amine adduct. When used with liquid/ solid epoxy resins in solvent-free coating formulations, it provides very good solvent and alcohol resistance. It also imparts good mechanical properties.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, Straw- Colored Liquid		
Color	<5	Gardner	
Viscosity @ 25°C	850-1,350	cPs	Brookfield viscometer LV, spindle 21, 77°F
Specific Gravity @ 25°C	1.08		
Amine Value	940-1,030	mg KOH/g	Perchloric acid titration
Equivalent Wt/{H}	44		
Recommended Use Level	20	PHR	EEW=190

ADVANTAGES

- Fast cure speed
- Good chemical resistance
- Good hot water resistance
- Compatible with multifunctional resins

APPLICATIONS

- Solvent-free coatings
- Laminates
- Adhesives
- Accelerator for other curing agents

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2765 curing agent.

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.

TYPICAL HANDLING PROPERTIES (@ 25°C)

Property	Value	Unit	Method
Gel Time (150g mix mass)	15	min	Bisphenol A diglycidyl ether resin (EEW=190), Techne GT-3 Gelation Timer, Techne GT-4 Gelation Timer
Thin Film Set Time @ 25°C	4	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 2765	20

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