

ANCAMINE[®] 2587

Curing Agent

DESCRIPTION

Ancamine 2587 curing agent is a modified cycloaliphatic polyamine that provides excellent resistance to solvents and high temperatures. For room temperature cure applications, we recommend using Ancamine 2587 curing agent with diluted resin systems.

TYPICAL PROPERTIES

Property	Value	Unit
Color	2	Gardener
Viscosity @ 77°F	295	cP
Amine Value	642	mg KOH/g
Equivalent	50	Wt/{H}
Recommended Use Level	26	phr, EEW=190

ADVANTAGES

- Excellent solvent resistance
- Excellent high temperature resistance

APPLICATIONS

- Pipe Coatings
- Flooring
- Tank linings
- Secondary containment

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 2587 curing agent.

TYPICAL HANDLING PROPERTIES

Property	A*	B*
Mixed Viscosity at 77°F	4440	1500
Gel Time (150g mix at 77°F) (min)	31	44
Thin Film Set Time @ 77°F (hr)	2.6	2.7
Peak Exotherm (100g mass) (°C)	142	133

TYPICAL PERFORMANCE PROPERTIES

Property	A*	B*
Gloss, 60°	70	80
Hardness, Shore D	87	85
Glass Transition Temperature (°C)	62	62
Compressive Strength @Yield (psi)	16100	16000
Compressive Modulus (thousand psi)	424	375
Tensile Strength (psi)	4000	6700
Tensile Modulus (thousand psi)	636	552
Tensile Elongation @ Break (%)	0,7	1.4
Flexural Strength (psi)	7200	15000
Flexural Modulus (thousand psi)	625	560

A*: Ancamine 2587 curing agent formulated with standard Bisphenol-A (DGEBA, EEW=190) epoxy resin.

B*: Ancamine 2587 curing agent 90% DGEBA resin (EEW=190) and 10% Epodil® 748 diluent (C12-C14 alkyl glycidyl ether).

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EVONIK OPERATIONS GMBH

Business Line Crosslinkers
Paul-Baumann-Str. 1
45764 Marl
Germany

www.evonik.com/crosslinkers

Product Information: APCSE@evonik.com

Sample Request: APCSE@evonik.com

EVONIK CORPORATION

Business Line Crosslinkers
7001 Hamilton Boulevard
Trexlerstown, PA 18087
USA

CrosslinkersProinfo@evonik.com

Crosslinkers-Samples@evonik.com

**EVONIK SPECIALTY CHEMICALS
(SHANGHAI) CO., LTD.**

Business Line Crosslinkers
55, Chungong Road
Xinzhuang Industry Park
Shanghai, 201108
China

CL-Asiainfo@evonik.com

CL-Asiainfo@evonik.com

