

Product information

ANCAMINE[®] 2683

Curing Agent

DESCRIPTION

Ancamine 2683 curing agent is a cycloaliphatic amine which exhibits low viscosity and a high glass transition temperature within liquid epoxy resin systems. Ancamine 2683 is an ideal curing agent for heat cured composite applications.

TYPICAL PROPERTIES

Property	Value	Unit
Appearance	Amber Liquid	
Colour	>10	Gardner
Viscosity @ 77°F	160	cP
Amine Value	700	mg KOH/g
Density @ 77°F	8.03	lb/gal
Equivalent Wt{H}	42.5	
Recommended use Level (EEW=190)	22.5	phr

ADVANTAGES

- Low viscosity
- Good thermal resistance

APPLICATIONS

- Composites
- Adhesives

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 on Ancamine 2683 curing agent.

TYPICAL CURE SCHEDULE

2 hours @ 250°F

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit
Gel Time (150g mix @ 77°F)	75	min
Glass Transition Temperature	290	°F

*Ancamine 2683 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

Ancamine® is a registered trademark of Evonik Industries AG or one of its subsidiaries.

Disclaimer

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

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
7201 Hamilton Blvd.
Allentown, PA 18195
USA

CrosslinkersProinfo@evonik.com

Crosslinkers-Samples@evonik.com

EVONIK SPECIALTY CHEMICALS (SHANGHAI) CO., LTD.

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

CL-Asiainfo@evonik.com

CL-Asiainfo@evonik.com

