VOC-Free Cycloaliphatic Amine Epoxy Hardener

Modified Cycloaliphatic Amine Curing Agent

PRODUCT DESCRIPTION

VOC-Free Cycloaliphatic Amine Epoxy Hardener is a modified cycloaliphatic amine curing agent designed for high-performance epoxy systems. It features light colour, no VOC and is NP-free, while providing good yellowing resistance, scratch resistance and non-blushing performance. The cured system also offers high gloss and good toughness, making it suitable for flooring and electronic potting applications.

KEY FEATURES

- Light colour
- No VOC
- NP-free
- High gloss
- Good yellowing resistance
- Scratch resistance
- Non-blushing performance
- Good toughness

APPLICATIONS

- Electronic potting compounds
- Epoxy flooring coatings

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LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

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This document is subject to revision without notice as new data becomes available.

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PRODUCT SPECIFICATIONS

PARAMETER	TYPICAL VALUE
Appearance	Light yellow transparent liquid
Colour (Gardner)	≤ 2
Amine Value	315 mg KOH/g
Viscosity at 25°C	400–700 cps
Density at 25°C	1.01
AHEW	96
Recommended Addition Level	50 PHR
Gel Time (100 g mix at 25°C)	39 min
Thin Film Set Time (15 g @ 3 mm, 25°C)	3.1 h
Hardness Shore D 70 (15 g @ 3 mm, 25°C)	8 h

Test System: Cured with liquid Bisphenol-A based epoxy resin (EEW = 180–190).

PACKAGING
Available in 200 kg drums and 1,000 kg IBCs.

STORAGE & HANDLING
Store in the original sealed container at ambient temperatures between 0–40°C. Do not store below 0°C and protect from direct sunlight.

SHELF LIFE
At least 12 months from the date of manufacture when stored in the original sealed container under the recommended storage conditions.

SAFETY
Refer to the current Safety Data Sheet (SDS) for additional information on safe handling, storage and use.