

Ancamine[®] 2764 Curing Agent

Description

Ancamine 2764 curing agent is low color, low viscosity, modified cycloaliphatic amine intended for use as an ambient temperature curing agent for liquid epoxy resins.

Benefits

- Low viscosity
- Low color
- Good chemical resistance
- Good Low temperature cure
- Good waterspot resistance

Applications

- Industrial flooring applications -self-levelling floors, primers and top-coats
- High solids coatings
- Secondary containment linings

Storage Life

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

Handling Precautions

Refer to the Material Safety Data Sheet on Ancamine 2764 curing agent.

Typical Properties

Appearance	clear, yellow liquid
Color (Gardner) ¹	< 3
Viscosity @ 23 °C (cPs) ²	70 - 130
Specific Gravity @ 25 °C	1.03
Amine Value (mg KOH/g) ³	260 - 280
Equivalent Wt/{H}	104 - 108
Recommended Use Level (phr) ⁴	55

Typical Handling Properties⁴

Mix Viscosity@ 25 °C (cPs) ²	1050
Gel Time (min, 150g mass, 25 °C) ^{4,5}	35-40
Thin Film set time (hr, 23 °C) ⁶	5 - 6
Hardness Shore D @ 23 °C (16hr/24hr)	81/83
Hardness Shore D @ 10 °C (16hr/24hr)	65/76

1. ASTM D 1544-80
2. ASTM D 2196-05, Brookfield RVTD
3. Perchloric acid titration
4. Bisphenol A diglycidyl ether resin (EEW=190)
5. Techne GT-3 Gelation Timer
6. BK Drying Recorder phase III

tell me more

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