

ANCAMINE® 2578 Curing Agent**DESCRIPTION**

Ancamine 2578 curing agent is a modified aliphatic polyamine adduct intended for use as a low temperature curing agent for liquid epoxy resin. The product exhibits fast cure under adverse conditions of high humidity and low temperature, and will cure at temperatures as low as 0°C

ADVANTAGES

- Good low temperature cures
- High gloss, low blush when cured under adverse conditions

APPLICATIONS

- Marine Coatings
- Industrial Maintenance

SHELF LIFE

At least 12 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2578 curing agent.

TYPICAL PROPERTIES

Appearance	Pale yellow liquid
Colour¹ (Gardner)	5
Viscosity² @ 25 °C, [mPa.s]	2000-3000
Solids Content, [%]	58-62
Amine Value³, [mg KOH/g]	250-270
Specific Gravity @ 21 °C,	1.01
Flash Point, Closed Cup), [0C]	23
Equivalent Wt/{H}	175
Recommended use Level⁴, [PHR]	90-95

TYPICAL HANDLING PROPERTIES

Mixed Viscosity² at 25°C, [mPa.s]	nd
Gel Time⁵ (150g mix at 25°C), [mins]	65-75
Thin Film Set Time⁶ 25°C, [h]	1.5/3.0
Thin Film Set Time⁶ 5°C, [h]	6.5/10.5
Perzoz Hardness at 25°C (14 days)	290
Perzoz Hardness at 5°C, (14 days)	170
Specular Gloss at 25°C (14 days)	130
Specular Gloss at 5°C (14 days)	120
Typical cure schedule	2-7 days

TYPICAL PERFORMANCE PROPERTIES

Carbamation Test⁷	5
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Footnotes:

- (1) ASTM D 1544-80
- (2) Brookfield RVTD, Spindle 4
- (3) Perchloric Acid Titration
- (4) With Bisphenol A diglycidyl ether (EEW=190)
- (5) Techne GT-3 Gelation Timer
- (6) BK Drying Recorder Phase II/III
- (7) Scale 1-5 (5 is best)

Epoxy Curing Agents and Modifiers

ANCAMINE® 2578 Curing Agent

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