

Product information

ANCAMINE[®] 2578

Ancamine[®] 2578 is a modified polyamine supplied at 72 % solids in a butanol / xylene mixture (80 : 20) and designed for use as an ambient curing agent in two-component liquid epoxy systems. It is especially suitable for use in protective and marine coatings cured under adverse conditions. Special features include excellent low temperature cure down to 0°C and high resistance against carbamation and water-spotting.

TYPICAL HARDENER PROPERTIES

Property	Value	Unit	Method
Color	≤ 8	Gardner	ASTM D 1544
Viscosity, 25 °C	2000 - 3200	mPas	Brookfield RV, spindle 27
Amine value	250 - 270	mg KOH/g	Perchloric acid titration

RECOMMENDED USE LEVEL

Amine equivalent	175		calculated
Use level per 100 g BPA liquid epoxy resin	90 - 95	g	stoichiometric ratio

TYPICAL PERFORMANCE PROPERTIES

Formulation with standard BPA liquid epoxy resin			
Pot life	40	min	Techne GT-3 Gelation Timer
Thin Film Set Time 23 °C	3:15	h	BK Drying Recorder Phase III
Thin Film Set Time 10 °C	6:15	h	BK Drying Recorder Phase III
Carbamation Resistance 23 °C	5	Scale 1 - 5	ASTM D 870 1 d
Carbamation Resistance 10 °C	3	Scale 1 - 5	ASTM D 870 1 d

APPLICATIONS

- Industrial coatings
- Protective coatings
- Marine coatings

BENEFITS

- High reactivity
- Good low temperature cure
- Excellent carbamation and water-spotting resistance

SUSTAINABILITY ATTRIBUTES



Durability



Efficiency

SHELF LIFE

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

STORAGE AND HANDLING

Refer to the Material Safety Data Sheet of Ancamine® 2578.

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