

ANCAMIDE[®] 3112

Ancamide[®] 3112 is a modified polyaminoamide solution supplied at 62 % solids in a xylene / butanol mixture and designed for use as an ambient curing agent in two-component epoxy systems. It is especially suitable for use in solvent-based marine and protective coatings. Special features include excellent adhesion to metal substrates and high corrosion resistance.

TYPICAL HARDENER PROPERTIES

Property	Value	Unit	Method
Color	≤ 10	Gardner	ASTM D 1544
Viscosity, 25 °C	700 - 1350	mPas	Brookfield RVTD, spindle 4
Amine value	143 - 162	mg KOH/g	Perchloric acid titration
Biobased content	35 - 40	%	calculated

RECOMMENDED USE LEVEL

Amine equivalent	525		calculated
Use level per 100 g BPA epoxy resin (EEW=500)	105	g	stoichiometric ratio

TYPICAL PERFORMANCE PROPERTIES

Formulation with a standard BPA epoxy resin			
Pot life, 150 g mix 23 °C	300	min	Techne GT-3 Gelation Timer
Thin Film Set Time, 23 °C	4	h	BK Drying Recorder Phase III
Carbamation Resistance, 23 °C	4	Scale 1 - 5	ASTM D 870 1 d

APPLICATIONS

- Industrial coatings
- Protective coatings
- Marine coatings

BENEFITS

- High corrosion resistance
- Excellent adhesion
- Good flexibility

SUSTAINABILITY ATTRIBUTES

Durability



Sust. Feedstock

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 Ancamide® 3112.

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