

ANCAMIDE® 700B75

Ancamide® 700B75 is a modified polyaminoamide solution supplied at 75 % solids butanol 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 good resistance against humidity and high compatibility with epoxy resins even without induction. Ancamide 700B75 exhibits similar performance as Ancamide 702B75.

TYPICAL HARDENER PROPERTIES

Property	Value	Unit	Method
Color	≤ 8	Gardner	ASTM D 1544
Viscosity, 25 °C	4000-8000	mPas	Brookfield RV, spindle 27
Amine value	230 - 260	mg KOH/g	Perchloric acid titration
Biobased content	20 - 25	%	calculated

RECOMMENDED USE LEVEL

Amine equivalent	170		calculated
Use level per 100g BPA epoxy resin (EEW=190)	90	g	stoichiometric ratio

TYPICAL PERFORMANCE PROPERTIES

Formulation with a standard BPA epoxy resin			
Pot life, 150 g mix 23 °C	250	min	Techne GT-3 Gelation Timer
Thin Film Set Time, 23 °C	6	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



LCA available

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® 700B75.

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