

ANCAMIDE[®] 903MAV

Ancamide[®] 903 MAV is a solvent-free polyaminoamide designed for use as an ambient curing agent in two-component liquid epoxy systems. It is especially suitable for use in intumescent coatings and high solid formulations. Special features include long pot life and high pigment acceptance.

TYPICAL HARDENER PROPERTIES

Property	Value	Unit	Method
Color	≤ 11	Gardner	ASTM D 1544
Viscosity, 25 °C	200 - 500	mPas	Brookfield RV, spindle 27
Amine value	400 - 500	mg KOH/g	Perchloric acid titration
Biobased content	60 - 65	%	calculated

RECOMMENDED USE LEVEL

Amine equivalent	92		calculated
Use level per 100g BPA epoxy resin (EEW=190)	48	g	stoichiometric ratio

TYPICAL PERFORMANCE PROPERTIES

Formulation with a standard BPA epoxy resin			
Pot life, 150 g mix 23 °C	175	min	Techne GT-3 Gelation Timer
Thin Film Set Time, 23 °C	15	h	BK Drying Recorder Phase III
Carbamation Resistance, 23 °C	3	Scale 1 - 5	ASTM D 870 1 d

APPLICATIONS

- Intumescent coatings
- 2K adhesives
- Electrical encapsulation

BENEFITS

- Low viscosity
- Long pot life
- Good corrosion resistance

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® 903MAV.

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