

Product information

ANCAMIDE[®] 903MAV

Curing Agent

DESCRIPTION

Ancamide 903MAV is an amidoamine designed for use with liquid epoxy resin in the formulation of intumescent coatings. The low viscosity of Ancamide 903MAV allows formulation of high build systems that can be compliant with UL V0 legislation.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, Amber Liquid		
Colour	max 11	Gardner	ASTM D 1544-80
Viscosity @ 25°C	200-500	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	400-500	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	0.95	[g/ml]	
Equivalent	92	Wt/{H}	
Recommended use Level	48	PHR	With Bisphenol A diglycidyl ether (EEW=190)

ADVANTAGES

- Low viscosity
- Long pot life with liquid resins
- Pigment acceptance for high build intumescent films

APPLICATIONS

- High-solids, VOC-compliant coatings
- Intumescent coatings
- Adhesives
- Encapsulation
- Castings

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

PACKAGING AND HANDLING

Refer to the Safety Data Sheet for Ancamide 903MAV curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time ⁵ (150g mix at 25°C)	130	min	Techne GT-3 Gelation Timer
Thin Film Set Time ⁶ 25°C	12	h	BK Drying Recorder Phase III
Typical cure schedule	2-7	days	

* With Bisphenol A diglycidyl ether (EEW=190)

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