

ANCAMIDE® 2769

Curing Agent

DESCRIPTION

Ancamide 2769 curing agent is an innovative technology designed for use with liquid epoxy resin. Showing polyamide like properties it is also 100% solids, contains no plasticizer and exhibits very low viscosity. This allows for formulation of solvent free or high solids coatings with ultra low volatile organic components.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear amber liquid		
Colour	≤ 10	Gardner	ASTM D 1544
Viscosity @ 25°C	100-160	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	400-440	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	0.97		
Equivalent	150	Wt{H}	
Recommended use Level	65-80	PHR	With bisphenol-A based epoxy resin (EEW=190), 80 phr

ADVANTAGES

- Very low viscosity
- 100% Solvent and plasticizer free
- Excellent compatibility with liquid epoxy resin
- No induction time
- Good through cure and appearance at 10°C
- Good corrosion resistance

APPLICATIONS

- High solids and solvent free marine and maintenance coatings
- General protective coatings
- Tank and container coatings

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.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 2769 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time @ 25°C	120	min	Techne GT-3 Gelation Timer, 150 g mix
Thin Film Set Time @ 25°C	9	h	ASTM D 5895 - BK Drying Recorder, Phase 3
Thin Film Set Time @ 10°C	24	h	ASTM D 5895 - BK Drying Recorder, Phase 3
PersoZ Hardness 1/7d @ 25°C	205/300	s	ASTM D 4366
Typical cure schedule	2-7	days	

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