

Product information

ANCAMIDE[®] 260TN

Curing Agent

DESCRIPTION

Ancamide 260TN curing agent is a member of a series of standard reactive liquid polyamides developed specifically for the curing of epoxy resins. Ancamide 260TN is a modified version of Ancamide 260A that contains more imidazoline.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber liquid		
Color	7	Gardner	ASTM D1544-80
Viscosity @ 77°F	35,000	cP	Brookfield, ASTM D445-83
Amine Value	350	mg KOH/g	
Specific Gravity @ 77°F (25°C)	0.960		
Density @ 77°F (25°C)	8.0	lb/gal	
Equivalent Wt/{H}	120		
Recommended Use Level	65	phr, EEW=190	Some latitude is possible

ADVANTAGES

- Improved resin compatibility
- Good chemical resistance to water and aqueous alkalis
- Compatible with a wide range of solvents

APPLICATIONS

- Epoxy resins in the formulation of coal-tar-extended coatings
- Sealants and adhesives

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 Material Safety Data Sheet for Ancamide 260TN curing agent.

TYPICAL CURE SCHEDULE

- 2–7 days at ambient temperature.
- 2 hours at 140°F (60°C) plus 1 hour at 212°F (100°C).

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit
Gel Time [150g mix @ 77°F (25°C)]	270	min
Thin Film Set Time @ 77°F (25°C)	10	hr

*Ancamide 260TN curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

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