

Product information

ANCAMIDE[®] 100P77.5

Epoxy Curing Agent

DESCRIPTION

Ancamide 100P77.5 is a n-propanol solution of semi-solid reactive polyamide resin based on dimerized fatty acid and polyamines. This resin is designed for use with solid or liquid epoxy resins to give room temperature cure thermoset coatings. Ancamide 100P77.5 epoxy coatings give long pot lives and fast tack-free times.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Color	9	Gardner	
Amine Equivalent Weight	678	AEW	
Viscosity @ 75°C	900-1,400	cPs	Brookfield viscometer DV-II+, spindle 27

APPLICATIONS

Ancamide 100P77.5 epoxy resin systems are useful in maintenance coatings, primers and enamel paint formulations.

TYPICAL HANDLING PROPERTIES

Property	Value	Unit	Method
Amine Value	59-70	mg KOH	Perchloric acid titration
Mix Ratio (curing agent to Resin EEW of 500)	1.35 to 1		
Use Level	135	phr	
Gel Time	16	Hr	Formulated with Liquid Epoxy Resin (EEW=500) at the recommended use level of 135 phr, 150g total mix

DRY FILM TIMES (3 MIL THICKNESS, 25°C 50% RH)*

Property	Value	Unit
Dry time, set to touch	1	Hr
Dry time, tack free time	5.5	Hr
Dry time, through cure	10.5	Hr

*Mickle Laboratory Engineering Co. BK drying recorder, 25°C / 50% RH

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