

# ANCAMINE<sup>®</sup> 1110

## Curing Agent

### DESCRIPTION

Ancamine 1110 curing agent is a technical grade of dimethylaminomethylphenol. It is similar to Ancamine K54 curing agent in its behavior as a catalyst, but is less reactive. Blends of Ancamine 1110 and Ancamine K54 curing agents provide intermediate reactivity.

### TYPICAL PROPERTIES

Property	Value	Unit
Appearance	Pale Brown Liquid	
Colour max	6	Gardner
Viscosity @ 25°C	20	cP
Amine Value	370	mg KOH/g
Specific Gravity @ 21°C	1.03	
Density @ 77°F (25°C)	8.4	lb/gal
Flash Point (closed cup)	198	°F
Typical Purity	99.1	%
Recommended use Level		PHR, EEW=190
with liquid resin	5-15	
as an accelerator	1-10	
as a catalyst for anhydride, Phenol and acid curing agent	0.5-2	
as a catalyst for epoxy/polysulfide or polymercaptan cure	5-15	

### ADVANTAGES

- Reduced reactivity variant of Ancamine K54
- Low viscosity

## APPLICATIONS

- Cure catalyst in adhesives
- Accelerator for polyamide or amidoamine curing agents in coatings, castings, adhesives and civil engineering
- Catalyst for anhydride cures in castings and laminates
- Catalyst for epoxy/polysulfide cures

## 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 Ancamine 1110 curing agent.

## TYPICAL CURE SCHEDULE

**1 hour at 176°F (80°C).**  
**1 hour at ambient temperature (polymercaptans).**  
**7 days at ambient temperature (polysulfides).**

## TYPICAL HANDLING PROPERTIES

Property	Value	Unit
(15 phr loading)		
Pot Life [25g @ 77°F (25°C)]	60	min

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