

ANCAMINE[®] 2672

Ancamine[®] 2672 is a modified polyamine designed for use as an ambient curing agent in two-component liquid epoxy systems. It is especially suitable as all-rounder for use in high chemical resistance applications in metal or concrete primers. A special feature besides good resistance against chemicals is an excellent resistance against carbamation and water-spotting. This curing agent is an ideal alternative to Ancamine 2280 when higher reactivities are required.

TYPICAL HARDENER PROPERTIES

Property	Value	Unit	Method
Color	≤ 8	Gardner	ASTM D 1544
Viscosity, 25 °C	100 - 200	mPas	Brookfield RV, spindle 27
Amine value	280 - 320	mg KOH/g	Perchloric acid titration

RECOMMENDED USE LEVEL

Amine equivalent	95		calculated
Use level per 100 g BPA liquid epoxy resin	50	g	stoichiometric ratio

TYPICAL PERFORMANCE PROPERTIES

Formulation with standard BPA liquid epoxy resin			
Pot life	30	min	Techne GT-3 Gelation Timer
Thin Film Set Time 23 °C	5	h	BK Drying Recorder Phase III
Thin Film Set Time 5 °C	17.5	h	BK Drying Recorder Phase III
Carbamation Resistance 23 °C	1	Scale 1 - 5	ASTM D 870 1 d
Carbamation Resistance 5 °C	1	Scale 1 - 5	ASTM D 870 1 d

APPLICATIONS

- Industrial coatings
- Primer or sealer in flooring applications
- Protective Coatings

BENEFITS

- High chemical resistance
- Good reactivity
- Good carbamation and water-spotting resistance

SUSTAINABILITY ATTRIBUTES

Durability



LCA available

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Material Safety Data Sheet of Ancamine® 2672.

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