

Product information

ANCAMIDE[®] 2582

Curing Agent

DESCRIPTION

Ancamide 2582 curing agent is an amidoamine recommended for use in two-component grout formulations, where it provides excellent water wipeability.

TYPICAL PROPERTIES

Property	Value	Unit
Color	4	Gardner
Viscosity @ 77°F	345	cP
Amine Value	620	mg KOH/g
Specific Gravity @ 70°F	0.97	
Equivalent Wt/{H}	66	
Recommended use Level	35	phr, EEW=190

ADVANTAGES

- Excellent water wipeability
- Excellent flowability

APPLICATIONS

- Grouts

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Material may crystallize or solidify upon exposure to low temperatures. Crystallized or solidified material can be utilized after melting at elevated temperatures without impacting handling or physical properties. It is recommended that the material be heated to 50-70°C while mixing continuously for 1 hour. Once the solidified material has fully homogenized, it can be cooled to room temperature and utilized under normal conditions.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 2582 curing agent.

TYPICAL HANDLING PROPERTIES

Property	A*	B*	Unit
Mixed Viscosity @ 77°F	2,100	920	cP
Gel Time (150g mix @ 77°F)	40	55	min
Thin Film Set Time @ 77°F	3.5	6	hr
Peak Exotherm (100 g mass)	165	85	°C

TYPICAL PERFORMANCE

(7 day cure @ 77°F)	A*	B*	Unit
Hardness (Shore D)	87	82	
Glass Transition Temperature	57	55	°C
Compressive Strength @ Yield	13,000	11,000	psi
Compressive Modulus	350	295	thousand psi
Tensile Strength	8,800	8,400	psi
Tensile Modulus	510	370	thousand psi
Tensile Elongation @ break	2.2	6.8	%
Flexural Strength	16,000	15,000	psi
Flexural Modulus	475	415	thousand psi

A*: Ancamide 2582 curing agent formulated with standard Bisphenol A (DGEBA, EEW=190) epoxy resin.

B*: Ancamide 2582 curing agent with 90% DGEBA resin (EEW=190) and 10% Epodil® 748 diluent (C12-C14 alkyl glycidyl ether)

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