Product information

ANCAMIDE® 2861

ANCAMIDE® 2861 is a modified polyamide designed for use as an ambient curing agent in two-component liquid epoxy systems. It is especially suitable for use in flexible metal primers and floorings, even at low temperatures. Special features besides high flexibility include good balance of reactivity and pot life and excellent water-spot resistance.

TYPICAL HARDENER PROPERTIES			
Property	**Value**	**Unit**	**Method**
Color	≤ 8	Gardner	ASTM D 1544
Viscosity, 25 °C	700 - 1100	mPas	Brookfield RV, spindle 27
Amine value	200 - 260	mg KOH/g	Perchloric acid titration
Biobased content	25 - 30	%	calculated
RECOMMENDED USE LEVEL			
Amine equivalent	170		calculated
Use level per 100 g BPA liquid epoxy resin	90	g	stoichiometric ratio
TYPICAL PERFORMANCE PROPERTIES			
Formulation with a standard BPA epoxy resin			
Pot life, 150 g mix 23 °C	60	min	Techne GT-3 Gelation Timer
Thin Film Set Time, 23 °C	4.5	h	BK Drying Recorder Phase III
Carbamation Resistance, 23 °C	5	Scale 1 - 5	ASTM D 870 1 d

APPLICATIONS

- Industrial coatings
- Protective coatings
- 2K adhesives

BENEFITS

- Excellent flexibility
- Good reactivity
- Good carbamation and water-spotting resistance

SUSTAINABILITY ATTRIBUTES

Durability

Sust. Feedstock

Efficiency

EVONIK
Leading Beyond Chemistry

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 ANCAMIDE® 2861.

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EVONIK OPERATIONS GMBH
Business Line Crosslinkers
Paul-Baumann-Str. 1
45764 Marl
Germany

www.evonik.com/crosslinkers
Product Information: APCSE@evonik.com
Sample Request: APCSE@evonik.com

EVONIK CORPORATION
Business Line Crosslinkers
7001 Hamilton Boulevard
Trexlertown, PA 18087
USA

CrosslinkersProdinfo@evonik.com
Crosslinkers-Samples@evonik.com

EVONIK SPECIALTY CHEMICALS (SHANGHAI) CO., LTD.
Business Line Crosslinkers
55, Chundong Road
Xinzhuang Industry Park
Shanghai, 201108
China
CL-Asiainfo@evonik.com
CL-Asiainfo@evonik.com