

Acrylic Polyol Resin for 2-Pack PU:

LC AP 886 BA/XL

Delivery Form:

50.0% [BA/XL]

Packing:

200kg net ms barrel

Applications:

A two-component system suitable for

- Industrial finishing of furniture -
- General industrial coatings -
- Automotive finishing and -Wood finishing systems.

Application is by roller, brush, or spray.

Principal properties:

- Cross-links with poly-isocyanates at room temperature.
- Excellent water, detergent, chemical resistance and longer pot-life.
- Good adhesion, Weather-ability.
- Thermal stability <150°C beyond this yellowing occurs

Dilutability:

Use of moisture-free PUR grade solvents(<500ppm-moisture) recommended during application.

Xylene	complete
Toluene	complete
Solvesso 150	Limited
2-Butoxy ethyl acetate	complete
Methyl-IsoButyl-Ketone	complete

Compatibility:

Desmodur N-75	good
Desmodur HL BA	good
Desmodur IL -1351	good
Desmodur N -3400	good
Desmodur Z	good
TPA 4010	incomplete
Styrenated alkyd	complete
Long/short oil alkyds	limited

Recommendations on formulation and use:

Use of stoichiometric molar ratio of LC AP 886 BA/XL hardener is necessary for desired performance. Desmodur N-3400 is used for fast drying two component PU coatings. It is used with Desmodur HL and Desmodur IL polyisocyanates for two component filler coats and top coats for wood finishing systems.

The following mixing ratio is recommended.

With Desmodur IL polyisocyanate:

LC AP-886 BA/ XL : IL 1351= 100.0g +20.00

Product Specification:

Property	Range	Unit
Viscosity,B/F@ 25°C	4500+/-1000	m.Pa.s
Color, Hazen	50.0 max	APHA
Solids content	48.0– 52.0	%
Appearance	Clear	-
Acid Value	4.0 +/-2.0	mg/KOH/g
Hydroxyl Value	60.0 – 70.0	mg/KOH/g

Other product data:

Property	Value	Unit
Sp.gr @ 25°C	~1.01	g/m
Flash point	25.0(77.0)	°C/ (°F)
OH Eq.wt avg	850.0	g/eq
%OH content	2.0+/- 0.2	%
Moisture content	1.0 max	%

Storage guidelines:

The resin should be stored indoors in the original, unopened, and undamaged containers in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided.

Shelf Life:

Under the above-mentioned storage, the shelf life of the resin will be 9 months ex- work.

Material Safety:

A material safety data sheet of the product is available on request.

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