

Acrylic Polyol Resin for 2-Pack PU:

LC AP 891 BA

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 30601	complete
Long/short oil alkyds	limited

Recommendations on formulation and use:

Use of the stoichiometric LC AP 891 BA hardener ratio 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 in wood-finishing systems.

The following mixing ratio is recommended.

With Desmodur IL polyisocyanate:

LC- AP 891 BA : 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- works.

Material Safety:

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

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