

DYNAPOL® LH 831-24

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General description

Saturated, low molecular, linear, hydroxylated polyester resin.

Stoving enamels based on LH 831 and amino resins resp. blocked polyisocyanate resins have high paint solids and are very reactive. Coatings show good adhesion to metals and good weather resistance (chalking resistance, color retention and dirt pick up-resistance).

Specification

Property	Value	Unit	Test method
Hydroxyl number (solvent free)	45 - 55	mg KOH/g	DIN EN ISO 4629-2
Acid number (solvent free)	≤ 7	mg KOH/g	DIN EN ISO 2114
Non volatile content	70 ± 1	% by weight	DIN EN ISO 3251
Viscosity (23 °C)	2.5 - 4	Pa s	DIN EN ISO 3219
Colour (Gardner)	≤ 3		DIN EN ISO 4630

Typical data

Molecular mass	2000	g/mol	calculated
Glass transition temperature (solid)	10	°C	DSC
Density (20 °C) (solution)	1.10	g/cm ³	DIN 51 757
Flashpoint	54	°C	DIN EN ISO 13 736

Uses

Coil Coating one coat-systems for exterior and interior architecture; general line stamping enamels with high paint solids; spray coats with good formability.

Supply Form

70 % in Solvent Naphtha 100 / Butylglycol (80 / 20).

Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of LH 831-24 is twelve (12) months from the date of delivery when stored in unopened original packaging at temperatures below 25°C (77°F).

Safety and Handling

Please refer to our Safety Data Sheet.

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