

DYNAPOL® LH 833-03

43.13.609e / 03.17

General description

Saturated, low molecular, branched, hydroxylated polyester resin.

Stoving enamels based on LH 833 and amino resins resp. blocked polyisocyanate resins are very reactive and cure to coatings with high hardness, good adhesion to metals and good corrosion resistance.

Specification

Property	Value	Unit	Test method
Hydroxyl number (solvent free)	31 - 39	mg KOH/g	DIN EN ISO 4629-2
Acid number (solvent free)	≤ 3	mg KOH/g	DIN EN ISO 2114
Non volatile content	50 ± 1	% by weight	DIN EN ISO 3251
Viscosity (23 °C)	2 - 3	Pa s	DIN EN ISO 3219
Colour (Gardner)	≤ 3		DIN EN ISO 4630

Typical data

Molecular mass	4000	g/mol	calculated
Glass transition temperature (solid)	55	°C	DSC
Density (20 °C) (solution)	1.12	g/cm ³	DIN 51 757
Flashpoint	63	°C	DIN EN ISO 13 736

Uses

Coil Coating primers and one coat-systems.

Supply Form

50 % in Solvent Naphtha 150 ND / DBE (40 / 60).

Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of LH 833-03 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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