

DYNAPOL® LH 818-05

43.13.594e / 02.17

General description

Saturated, medium molecular weight, linear, hydroxylated polyester resin.

Stoving enamels based on LH 818 and amino resins resp. blocked polyisocyanate resins are very flexible and show good adhesion to metals. Regarding the high quality of coatings, reactivity and paint solids of stoving enamels with LH 818 are very good.

Specification

Property	Value	Unit	Test method
Hydroxyl number (solvent free)	15 - 25	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 - 4	Pa s	DIN EN ISO 3219
Colour (Gardner)	≤ 3		DIN ISO 4630

Typical data

Molecular mass	6000	g/mol	calculated
Glass transition temperature (solid)	30	°C	DSC
Density (20 °C) (solution)	1.05	g/cm ³	DIN 51 757
Flashpoint	67	°C	DIN EN ISO 13736

Uses

Deepdrawable, sterilizable stamping enamels for can coatings (metal decorating). Coil coating primers and one coat-systems, top coats for interior architecture, vehicle cladding, home appliances.

Supply Form

50 % in Solvent Naphtha 150 ND / Solvent Naphtha 200 ND (70 / 30).

Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of DYNAPOL® LH 818-05 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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