

DYNAPOL® LH 818-02

43.13.592e / 07.17

General description

Saturated, low molecular, 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 LH 818 - stoving enamels 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	55 ± 1	% by weight	DIN EN ISO 3251
Viscosity (23 °C)	2.5 – 5.5	Pa s	DIN EN ISO 3219
Colour (Gardner)	≤ 3		DIN ISO 4630

Typical data

Molecular mass	6000	g/cm ³	calculated
Glass transition temperature (solid)	30	°C	DSC
Density (20 °C) (solution)	1.06	g/cm ³	DIN 51 757
Flashpoint	62	°C	DIN 53 213

Uses

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

Supply Form

55 % in Solvent Naphtha 150 ND / Butylglycol (80 / 20).

Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of LH 818-02 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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