

DYNAPOL® LH 318-02

03.22

General description

Saturated, medium molecular, linear, hydroxylated polyester resin.

LH 318 is developed for can coating applications, especially for crosslinking with phenolic resins. It gives good reactivity, flexibility and adhesion to metals.

Specification

Property	Value	Unit	Test method
Hydroxyl number (solid)	15 - 24	mg KOH/g	DIN EN ISO 4629-2
Acid number (solid)	≤ 3	mg KOH/g	DIN EN ISO 2114
Non volatile content	55 ± 1	% by weight	DIN EN ISO 3251
Viscosity (23 °C)	2.0 - 5.0	Pa s	DIN EN ISO 3219
Colour (Gardner)	≤ 3		DIN EN ISO 4630

Typical data

Molecular mass	5000	g/mol	calculated
Glass transition temperature (solid)	20	°C	DSC
Density (20 °C) (solution)	1.06	g/cm ³	DIN 51 757
Flashpoint	62	°C	DIN EN ISO 13 736

Uses

Deep drawable, sterilizable stamping enamels for can coatings (interior protection coatings).

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 318-02 is twelve (12) months from the date of delivery when stored in unopened original packaging at temperatures below 25°C (77°F). Note: LH 318-02 can become hazy on storage.

Safety and Handling

Please refer to our Safety Data Sheet.

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