

## DYNAPOL® LH 538-02

43.13.353e / 03.17

### General description

Saturated, low molecular, branched, hydroxylated polyester resin with very good weatherability.

Stoving enamels based on LH 538 and amino resins resp. blocked polyisocyanate resins show good flow properties. Coatings are flexible and show good adhesion to metals and excellent weather resistance (chalking resistance, color retention, dirt pick up-resistance).

### Specification

Property	Value	Unit	Test method
Hydroxyl number (solvent free)	40 - 50	mg KOH/g	DIN EN ISO 4629-2
Acid number (solvent free)	≤ 3	mg KOH/g	DIN EN ISO 2114
Non volatile content	65 ± 1	% by weight	DIN EN ISO 3251
Viscosity (23 °C)	3.5 - 5.5	Pa s	DIN EN ISO 3219
Colour (Gardner)	≤ 3		DIN EN ISO 4630

### Typical data

Molecular mass	3000	g/mol	calculated
Glass transition temperature (solid)	20	°C	DSC
Density (20 °C) (solution)	1.08	g/cm <sup>3</sup>	DIN 51 757
Flashpoint	62	°C	DIN EN ISO 13 736

### Uses

Coil Coating top coats and one coat-systems for exterior architecture; spray coatings for exterior architecture.

### Supply Form

65 % in Solvent Naptha 150 ND / Butylglycol (75 / 25).

## Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of LH 538-02 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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