

## DYNAPOL® LH 820-16

43.13.599e / 02.17

### General description

Saturated, medium molecular, linear, hydroxylated polyester resin.

Stoving enamels based on LH 820 and amino resins resp. blocked polyisocyanate resins are very hard, show good adhesion to metals and good corrosion resistance.

### Specification

Property	Value	Unit	Test method
<b>Hydroxyl number</b> (solvent free)	17 – 26	mg KOH/g	DIN EN ISO 4629-2
<b>Acid number</b> (solvent free)	≤ 3	mg KOH/g	DIN EN ISO 2114
<b>Non volatile content</b>	55 ± 1	% by weight	DIN EN ISO 3251
<b>Viscosity</b> (23 °C)	2 - 4	Pa s	DIN EN ISO 3219
<b>Colour</b> (Gardner)	≤ 3		DIN ISO 4630

### Typical data

<b>Molecular mass</b>	5000	g/mol	calculated
<b>Glass transition temperature</b> (solid)	60	°C	DSC
<b>Density</b> (20 °C) (solution)	1.10	g/cm <sup>3</sup>	DIN 51 757
<b>Flashpoint</b>	35	°C	DIN 53 213

### Uses

Coil coating primers and one coat-systems.

### Supply Form

55 % in Solvent Naphtha 150 ND / Methoxypropylacetate / Methoxypropanol (15 / 20 / 10).

## Storage Stability

Protected from heat, sunlight, moisture and foreign materials the shelf life of LH 820-16 is twelve (12) months from the date of delivery when stored in unopened original packaging at temperatures below 25°C (77°F). Note: LH 820-16 can become hazy on storage.

## Safety and Handling

Please refer to our Safety Data Sheet.

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