

## DYNAPOL® LH 830-02

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### General description

Saturated, low molecular, branched, hydroxylated polyester resin.

Stoving enamels based on LH 830 and amino resins resp. blocked polyisocyanate resins are reactive, flexible and show good adhesion to metals and good weather resistance (chalking resistance, color retention and dirt pick up-resistance).

### Specification

| Property                       | Value   | Unit        | Test method       |
|--------------------------------|---------|-------------|-------------------|
| Hydroxyl number (solvent free) | 30 - 40 | mg KOH/g    | DIN EN ISO 4629-2 |
| Acid number (solvent free)     | ≤ 3     | mg KOH/g    | DIN EN ISO 2114   |
| Non volatile content           | 60 ± 1  | % by weight | DIN EN ISO 3251   |
| Viscosity (23 °C)              | 2.5 - 4 | Pa s        | DIN EN ISO 3219   |
| Colour (Gardner)               | ≤ 3     |             | DIN EN ISO 4630   |

### Typical data

|                                      |      |                   |                   |
|--------------------------------------|------|-------------------|-------------------|
| Molecular mass                       | 4000 | 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 and interior architecture; top coats for appliance cladding.

### Supply Form

60 % in Solvent Naphtha 150 ND/ Butylglycol (75 / 25) .

## Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of LH 830-02 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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