

## DYNAPOL® LH 727-02

43.13.590e / 03.17

### General Description

Saturated, low molecular, branched, hydroxylated polyester resin.

Stoving enamels based on LH 727 and amino resins resp. blocked polyisocyanate resins have high paint solids and are very reactive.

### Specification

| Property                       | Value     | Unit        | Test method       |
|--------------------------------|-----------|-------------|-------------------|
| Hydroxyl number (solvent free) | 95 - 105  | mg KOH/g    | DIN EN ISO 4629-2 |
| Acid number (solvent free)     | 7 - 11    | mg KOH/g    | DIN EN ISO 2114   |
| Non volatile content           | 65 ± 1    | % by weight | DIN EN ISO 3251   |
| Viscosity (23 °C)              | 1.5 - 2.5 | Pa s        | DIN EN ISO 3219   |
| Colour (Gardner)               | ≤ 3       |             | DIN EN ISO 4630   |

### Typical data

|                                      |      |                   |                   |
|--------------------------------------|------|-------------------|-------------------|
| Molecular mass                       | 2000 | g/mol             | calculated        |
| Glass transition temperature (solid) | 5    | °C                | DSC               |
| Density (20 °C) (solution)           | 1.07 | g/cm <sup>3</sup> | DIN 51 757        |
| Flashpoint                           | 62   | °C                | DIN EN ISO 13 736 |

### Uses

Coil Coating top coats for exterior and interior architecture; automotive primer surfacers; industrial spray coatings.

### Supply Form

65 % in Solvent Naphtha 150 ND / Butylglycol (80 / 20).

## Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of LH 727-02 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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