

## DYNAPOL® L 850

45.13.214e / 07.17

### General description

Saturated, high molecular, linear, elastified copolyester. Soluble in aromatic hydrocarbons, good compatibility with other paint raw materials.

Stoving enamels based on L 850 and amino resins resp. blocked polyisocyanate resins are flexible and show high adhesion to metals. Also suitable as elastifying component for stoving enamels based on other polyester resins.

### Specification

Property	Value	Unit	Test method
Viscosity number * (25 °C)	57 - 65	cm <sup>3</sup> /g	DIN 53 728
Acid number	≤ 3	mg KOH/g	DIN EN ISO 2114

### Typical data

Hydroxyl number	4	mg KOH/g	DIN EN ISO 4629-2
Molecular mass	15000	g/mol	calculated
Glass transition temperature	40	°C	DSC
Softening temperature	125	°C	ISO 4625
Density (20 °C)	1.21	g/cm <sup>3</sup>	ISO 1183

\*measured on a solution of 0.5 g polyester and 100 cm<sup>3</sup> of a blend of phenol / o-dichlorobenzene (50 / 50 w/w)

### Uses

Highly flexible, sterilizable stamping enamels for can coating; tube and aerosol can coatings.

### Supply Form

Solid resin, granules.

## Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of L 850 is twelve (12) months from the date of delivery when stored in unopened original packaging at temperatures below 25°C (77°F). Note: L 850 solutions can become hazy on storage.

## Safety and Handling

Please refer to our Safety Data Sheet.

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