

DYNAPOL® LH 775-52

45.13.226e / 01.19

General description

Saturated, low molecular, branched, hydroxylated polyester resin.

Stoving enamels based on LH 775 and amino resins resp. blocked polyisocyanate resins are very reactive. Depending on formulations, "wet-on-wet" processable with many printing inks.

Specification

Property	Value	Unit	Test method
Hydroxyl number (solid)	38 - 47	mg KOH/g	DIN EN ISO 4629-2
Acid number (solid)	≤ 4	mg KOH/g	DIN EN ISO 2114
Non volatile content	55 ± 1	% by weight	DIN EN ISO 3251
Viscosity (23 °C)	1.5 - 2.8	Pa s	DIN EN ISO 3219
Colour (Gardner)	≤ 3		DIN ISO 4630

Typical data

Molecular mass	4000	g/mol	calculated
Glass transition temperature (solid)	20	°C	DSC
Density (20 °C) (solution)	1.07	g/cm ³	DIN 51 757
Flashpoint	37	°C	DIN 53 213

Uses

Deep-drawable, sterilizable overprint varnishes for „wet-on-wet“ processes.

Supply Form

55 % in Methoxypropanol / Dipropylenglycolmethylether (75 / 25).

Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of LH 775-52 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.

Evonik Operations GmbH

Paul-Baumann-Str. 1
45764 Marl
Germany
PHONE +49 2365 49-02
FAX +49 2365 49-5030

www.dynapol.com
www.evonik.com/coatings
E-MAIL dynapol@evonik.com

Evonik Corporation

Resource Efficiency
299 Jefferson Road
Parsippany, NJ 07054-0677, USA
PHONE +1 973 929-8000
FAX +1 973 929-8460

www.dynapol.com
www.evonik.com/coatings
E-MAIL dynapol@evonik.com

Evonik Specialty Chemicals (Shanghai) Co., Ltd.

55 Chundong Road
Xinzhuang Industry Park
Shanghai 201108, P.R. China
PHONE +86 21 6119-1028
FAX +86 21 6119-1254

www.dynapol.com
www.evonik.com/coatings
E-MAIL dynapol@evonik.com

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