

DYNAPOL® LH 775-52

45.13.226e / 07.02

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 53 240
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 clear varnishes, „wet-on-wet“ processable in many cases.

Supply Form

55 % in glycolether blend (b.r. 120 – 200 °C).

Storage Stability

Excluding sunlight and humidity LH 775-52 is stable at storage temperatures below 25 °C for at least 12 months.

Packaging

200 kg (net) in one-way drums.

Safety and Handling

Please refer to our Safety Data Sheet.

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