

DYNAPOL® L 651

45.13.212e / 02.17

General description

Saturated, high molecular, linear copolyester soluble in aromatic hydrocarbons, good PVC-compatibility.

Stoving enamels based on L 651 and amino resins resp. blocked polyisocyanate resins are very flexible, show high adhesion to metals and good intercoat adhesion to PVC systems.

Specification

Property	Value	Unit	Test method
Viscosity number * (25 °C)	60 - 70	cm ³ /g	DIN 53 728
Hydroxyl number	≤ 9	mg KOH/g	DIN EN ISO 4629-2
Acid number	≤ 3	mg KOH/g	DIN EN ISO 2114

Typical data

Molecular mass	15000	g/mol	calculated
Glass transition temperature	40	°C	DSC
Softening temperature	130	°C	ISO 4625
Density (20 °C)	1.20	g/cm ³	ISO 1183

*measured on a solution of 0.5 g polyester and 100 cm³ of a blend of phenol / o-dichlorobenzene (50 / 50 w/w)

Uses

Deep drawable sterilizable stamping enamels for can coating, metal decorating and interior protection; heat sealing lacquers.

Supply Form

Solid resin, granules.

Storage Stability

Protected from heat, sunlight, moisture and foreign materials the shelf life of L 651 is twelve (12) months from the date of delivery when stored in unopened original packaging at temperatures below 25°C (77°F). Due to the low glass transition temperature the granules can show blocking at elevated temperature and pressure.

Safety and Handling

Please refer to our Safety Data Sheet.

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