DYNAPOL® L 912

45.13.218e / 03.20

General description

Saturated, high molecular, linear, very hard copolyester. Soluble in aromatic hydrocarbons.

Stoving enamels based on L 912 and amino resins resp. blocked polyisocyanate resins are very hard and blocking resistant, flexible and show high adhesion to metals.

Specification

Property	Value	Unit	Test method
Viscosity number * (25 °C)	50 - 60	cm^3/g	DIN 53 728
Acid number	≤ 4	mg KOH/g	DIN EN ISO 2114

Typical data

Hydroxyl number	5	mg KOH/g	DIN EN ISO 4629-2
Molecular mass	15000	g/mol	calculated
Glass transition temperature	105	°C	DSC
Softening temperature	175	°C	ISO 4625
Density (20 °C)	1.20	g/cm^3	ISO 1183

* measured on a solution of 0.5 g polyester and 100 cm^3 of a blend of phenol / o-dichlorbenzene (50 / 50 w/w)

Uses

Deep-drawable sterilizable stamping enamels for can coating. In suitable paint formulation L 912 is imparting very good acid sterilization resistance to coatings.

Supply Form

Solid resin, granules.

Storage Stability

Protected from heat, sunlight, moisture and foreign materials the shelf life of L 912 is twelve (12) months from the date of delivery when stored in unopened original packaging at tempertures below 25°C (77°F). Note: Solutions of L 912 can become hazy on storage.

Safety and Handling

Please refer to our Safety Data Sheet.

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