DYNAPOL® L 210

43.13.576e / 03.17

General description

Saturated, high molecular, linear copolyester with good PVC-compatibility.

Stoving enamels based on L 210 and amino resins resp. blocked polyisocyanate resins are hard, flexible, show good adhesion to metals and good intercoat adhesion to PVC top coats.

Specification

Property	Value	Unit	Test method
Viscosity number [1)]	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	20000	g/mol	calculated
Glass transition temperature	63	°C	DSC [2)]
Softening temperature	155	°C	ISO 4625
Density (20 °C)	1.21	g/cm^3	ISO 1183

[1)] measured on a solution of 0.5 g polyester and 100 cm^3 of a blend of phenol / o-dichlorobenzene (50/50 w/w)
[2)] Differential scanning calorimetry

Uses

Coil Coating-primers and laminate adhesives; deep drawable, sterilizable enamels for can coating, e.g. adhesion promoters.

Supply Form

Solid resin, granules.

Storage Stability

Protected from heat, sunlight, moisture and foreign materials, the shelf life of L 210 is twelve (12) months from the date of delivery when stored in unopened original packaging at temperatures below 25°C (77°F). Note: L 210 solutions can become hazy on storage.

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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