

DYNAPOL® L 658

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General description

Saturated, high molecular, branched copolyester. Soluble in aromatic hydrocarbons, good PVC-compatibility.

Stoving enamels based on L 658 and amino resins resp. blocked polyisocyanate resins are reactive, flexible and show high adhesion to metals. Also suitable as elastifying component for stoving enamels based on PVC.

Specification

Property	Value	Unit	Test method
Viscosity number * (25 °C)	60 - 70	cm ³ /g	DIN 53 728
Hydroxyl number	4 - 11	mg KOH/g	DIN 53 240
Acid number	2 - 8	mg KOH/g	DIN EN ISO 2114

Typical data

Molecular mass	20000	g/mol	calculated
Glass transition temperature	40	°C	DSC
Softening temperature	125	°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.

Supply Form

Solid resin, granules.

Storage Stability

Excluding sunlight and humidity L 658 is stable at storage temperatures below 25 °C for at least 12 months. Due to the low glass transition temperature the granules can show blocking at elevated temperature and pressure.

Packaging

Granules in paper bags each 25 kg.

Safety and Handling

Please refer to our Safety Data Sheet.

Evonik Resource Efficiency GmbH	Evonik Corporation	Evonik Degussa (China) Co. Ltd.
Paul-Baumann-Str. 1	Resource Efficiency	Shanghai Branch
45764 Marl	299 Jefferson Road	Xinzhuang Industry Park
Germany	Parsippany, NJ 07054-0677, USA	Shanghai 201 108, P.R. China
PHONE +49 2365 49-02	PHONE +1 973 929-8000	PHONE +86 21 6119-1028
FAX +49 2365 49-5030	FAX +1 973 929-8460	FAX +86 21 6119-1417
www.dynapol.com	www.dynapol.com	www.dynapol.com
www.evonik.com/coatings	www.evonik.com/coatings	www.evonik.com/coatings
E-MAIL dynapol@evonik.com	E-MAIL dynapol@evonik.com	E-MAIL dynapol@evonik.com

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