

## DYNAPOL® L 658

45.13.213e / 03.17

### 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 <sup>3</sup> /g	DIN 53 728
Hydroxyl number	4 - 11	mg KOH/g	DIN EN ISO 4629-2
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 <sup>3</sup>	ISO 1183

\*measured on a solution of 0.5 g polyester and 100 cm<sup>3</sup> 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

Protected from heat, sunlight, moisture and foreign materials, the shelf life of L 658 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.

---

### Evonik Operations GmbH

Paul-Baumann-Str. 1  
45764 Marl  
Germany  
PHONE +49 2365 49-02  
FAX +49 2365 49-5030

[www.dynapol.com](http://www.dynapol.com)  
[www.evonik.com/coatings](http://www.evonik.com/coatings)  
E-MAIL [dynapol@evonik.com](mailto: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](http://www.dynapol.com)  
[www.evonik.com/coatings](http://www.evonik.com/coatings)  
E-MAIL [dynapol@evonik.com](mailto: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](http://www.dynapol.com)  
[www.evonik.com/coatings](http://www.evonik.com/coatings)  
E-MAIL [dynapol@evonik.com](mailto:dynapol@evonik.com)

Replaces leaflet 45.13.213e / 07.02 and all former issues  
Marl, March 14, 2017

DYNAPOL® is a registered trademark of Evonik Industries AG or one of its subsidiaries

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.