

DYNACOLL® S 243

45.13.074e / 05.11

General Description

Saturated, linear copolyester, crystalline.

Application

Preparation of Masterbatch.

Supply Form / Packaging

Granules in 25 kg paper-bags or in big-bags.

Specification

Property	Value	Unit	Test method
Viscosity number	64 - 72	cm ³ /g	DIN 53 728
Melting point (DSC) ¹⁾	191 - 199	°C	DIN 53 765

Typical data

Glass transition temperature (DSC) ¹⁾	35	°C	DIN 53 765
Softening point (Ring & Ball)	195	°C	DIN ISO 4625
Melt flow rate 220 °C (MFR)	240	g/10 min	DIN ISO 1133 (21.6 N)
Melt viscosity 220 °C	50	Pa s	(Plate/Plate)
Open time	5	s	Degussa-method
Tensile strength	40	N/mm ²	DIN EN ISO 527-1/3
Density	1.3	g/cm ³	DIN 53 479

¹⁾ Differential scanning calorimetry

Solubility

Most solvents: practically insoluble.

Others

Fast crystallization.

Storage Stability

Excluding sunlight and humidity S 243 is stable at storage temperatures below 25 °C for at least 12 months.

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	Resource Efficiency
45764 Marl	299 Jefferson Road	55 Chundong Rd., Xinzhuang Ind. Park
Germany	Parsippany, NJ 07054-0677, USA	Shanghai 201108, P.R. China
PHONE +49 2365 49-02	PHONE +1 973 929-8000	PHONE +86 21 61191-027
FAX +49 2365 49-5030	FAX +1 973 929-8460	FAX +86 21 61191-254

Email adhesives@evonik.com

www.evonik.com/adhesives-sealants

www.evonik.com/designed-polymers

Marl, May 27, 2011

DYNACOLL® 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.