

DYNACOLL® Terra EP 413.02

preliminary

43.13.881e / 06.19

General description

Solid, amorphous and saturated polyester polyol made of > 30 ppw renewable materials.

Application

Manufacturing of biobased reactive hot melt adhesives with fast setting behaviour.

Specification

Property	Value	Unit	Test method
Hydroxyl number	27 – 34	mg KOH/g	DIN EN ISO 4629-2
Acid number	max. 2	mg KOH/g	DIN EN ISO 2114

Typical data

Molecular weight	3,500	-	calculated from Hydroxyl number
Glass transition temperature	30	°C	DSC
Softening point (R + B)	85	°C	DIN ISO 4625
Viscosity at 130 °C	32	Pa s	DIN EN ISO 3219

Compatibility with other DYNACOLL copolyesters (1:1 blends)

Transparent:	Terra EP 413.04
Cloudy:	7140, 7150
Opaque:	7130, 7131, 7210, 7230, 7231, 7255, 7320, 7321, 7330, 7340, 7360, 7361, 7363, 7365, 7381, 7390, Terra EP 413.01, 413.03, 424.01, 481.01
Phase Separation:	7110, 7111, 7250, 7362, 7380, Terra EP 424.02

Form supplied

30 kg cans and 200 kg drums.

Storage Stability

When stored below 30 °C in closed containers the product remains stable for at least one year from delivery. In case of open or improperly closed containers, there is a possibility of increased moisture from the atmosphere.

Safety and Handling

Please refer to our Material Safety Data Sheet.

Evonik Operations GmbH

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

Evonik Corporation

Resource Efficiency
299 Jefferson Road
Parsippany, NJ 07054-0677, USA
PHONE +1 973 929-8000
FAX +1 973 929-8460

Evonik Degussa (China) Co. Ltd.

Resource Efficiency
55 Chundong Rd., Xinzhuang Ind. Park
Shanghai 201108, P.R. China
PHONE +86 21 61191-027
FAX +86 21 61191-254

Email adhesives@evonik.com
www.evonik.com/adhesives-sealants
www.evonik.com/developed-polymers

Marl, June 11, 2019

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.