

DYNACOLL® S 1426

45.13.069e / 05.11

General Description

Saturated, slightly branched copolyester, amorphous.

Application

Solvent based adhesives and thermoplastic hot melts for metal and plastic lamination.

Supply Form / Packaging

Granules in 25 kg folding boxes.

Specification

Property	Value	Unit	Test method
Viscosity number	85 – 95	cm ³ /g	DIN 53 728
Glass transition temperature (DSC) ¹⁾	28 – 40	°C	DIN 53 765

Typical data

Softening point (Ring & Ball)	140	°C	DIN ISO 4625
Melt flow rate 180 °C (MFR)	15	g/10 min	DIN ISO 1133 (21.6 N)
Melt viscosity 200 °C	270	Pa s	(Plate/Plate)
Open time	20	s	Evonik-method
Tensile strength	50	N/mm ²	DIN EN ISO 527-1/3
Density	1.2	g/cm ³	DIN 53 479

¹⁾ Differential scanning calorimetry

Solubility

Good solubility in esters and ketones, blends with aromatics are possible.

Storage Stability

Excluding sunlight and humidity S 1426 is stable at storage temperatures below 25 °C for at least 12 months.

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

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/designed-polymers

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