

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.

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