

DYNACOLL® S 1218

45.13.079e / 05.11

General Description

Saturated, linear copolyester, partially crystalline.

Application

Thermoplastic hotmelt adhesives for fabrics and technical textile lamination e.g. for clothes or automotive interiors. Direct extrusion or preparation of adhesive films, nets and webs.

Supply Form / Packaging

Granules in 25 kg paper-bags.

Specification

Property	Value	Unit	Test method
Viscosity number	76 - 84	cm ³ /g	DIN 53 728
Melting point (DSC) ¹⁾	108 - 118	°C	DIN 53 765

Typical data

Glass transition temperature (DSC) ¹⁾	15	°C	DIN 53 765
Softening point (Ring & Ball)	130	°C	DIN ISO 4625
Melt flow rate 180 °C (MFR)	60	g/10 min	DIN ISO 1133 (21.6 N)
Melt viscosity 180 °C	150	Pa s	(Plate/Plate)
Open time	20	s	Degussa-method
Tensile strength	20	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, soluble in methylene chloride, limited soluble in trichloro ethylene.

Storage Stability

Excluding sunlight and humidity S 1218 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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