

## 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 <sup>3</sup> /g	DIN 53 728
Melting point (DSC) <sup>1)</sup>	108 - 118	°C	DIN 53 765

### Typical data

Glass transition temperature (DSC) <sup>1)</sup>	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 <sup>2</sup>	DIN EN ISO 527-1/3
Density	1.3	g/cm <sup>3</sup>	DIN 53 479

<sup>1)</sup> 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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