

DYNACOLL® S 1252

45.13.083e / 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, aluminium laminated or in big-bags.

Specification

| Property | Value | Unit | Test method |
|--|---------|--------------------|-------------|
| Viscosity number | 89 - 97 | cm ³ /g | DIN 53 728 |
| Glass transition temperature (DSC) ¹⁾ | 16 - 23 | °C | DIN 53 765 |

Typical data

| | | | |
|-------------------------------|-----|-------------------|-----------------------|
| Softening point (Ring & Ball) | 135 | °C | DIN ISO 4625 |
| Melt flow rate 180 °C (MFR) | 20 | g/10 min | DIN ISO 1133 (21.6 N) |
| Melt viscosity 180 °C | 360 | Pa s | (Plate/Plate) |
| Open time | 5 | 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.

Storage Stability

Excluding sunlight and humidity S 1252 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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