

DYNACOLL® S 243

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General Description

Saturated, linear copolyester, crystalline.

Application

Preparation of Masterbatch.

Supply Form / Packaging

Granules in 25 kg paper-bags or in big-bags.

Specification

Property	Value	Unit	Test method
Viscosity number	64 - 72	cm ³ /g	DIN 53 728
Melting point (DSC) ¹⁾	191 - 199	°C	DIN 53 765

Typical data

Glass transition temperature (DSC) ¹⁾	35	°C	DIN 53 765
Softening point (Ring & Ball)	195	°C	DIN ISO 4625
Melt flow rate 220 °C (MFR)	240	g/10 min	DIN ISO 1133 (21.6 N)
Melt viscosity 220 °C	50	Pa s	(Plate/Plate)
Open time	5	s	Degussa-method
Tensile strength	40	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.

Others

Fast crystallization.

Storage Stability

Excluding sunlight and humidity S 243 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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