

DYNACOLL® S 1611

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General Description

Saturated, linear copolyester, amorphous.

Application

Solvent based adhesives and thermoplastic hot melts for metal and plastic lamination.

Supply Form / Packaging

Granules in 25 kg paper-bags.

Specification

Property	Value	Unit	Test method
Viscosity number	57 - 65	cm ³ /g	DIN 53 728
Acid number	≤ 3	mg KOH/g	DIN EN ISO 2114
Hydroxyl number	≥ 2	mg KOH/g	DIN 53 240-2

Typical data

Glass transition temperature (DSC) ¹⁾	50	°C	DIN 53 765
Softening point (Ring & Ball)	130	°C	DIN ISO 4625
elt flow rate 190 °C (MFR)	65	g/10 min	DIN ISO 1133 (21.6 N)
Melt viscosity 200 °C	70	Pa s	(Plate/Plate)
Open time	10	s	Degussa-method
Tensile strength	20	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 1611 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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