

DANPOL PES-950

DESCRIPTION

DANPOL PES-950 is a saturated, linear copolyester. Its semi-crystalline structure leads to a rapid crystallization.

PRODUCT CHARACTERISTIC

	Values	Method
Type	Saturated, linear copolyester	
Aspect/supply form	Granule	
Specific weight 20 °C	1,2 – 1,3 g/cm ³	ISO 1133
Melting viscosity (Average)	650 - 850 Pa.s	ISO 1133 (160°C/2.16kg)
Melt volume rate (Average)	13 - 19 cm ³ /10min	ISO 1133 (160 °C/2,16 kg)
Application temperature for hot melt	180 – 220 °C 160 – 200 °C	Coating roller Slot die
Melting range	105 - 115 °C	ISO 11537 (DSC, 20K/min)
Film extrusion temperature	110 – 140 °C	Die head
Lamination temperature	100 – 130 °C	Adhesive
Glass transition temperature (T _g)	-8 - -5 °C	ISO 11537 (DSC, 20K/min)

APPLICATION

DANPOL PES-950 is a thermoplastic copolyester hot melt adhesive. Typical applications include textile lamination, automotive interior components, and apparel/leisure.

Processing is typically done by direct or indirect extrusion. DANPOL PES-950 can also be processed into films, webs, or powders.

PROCESSING

DANPOL PES-950 can be easily processed using classical hot-melt processing systems or extrusion coating systems.

For solvent-based coatings, DANPOL PES-950 is dissolved. Aromatic solvents such as toluene, chlorinated solvents, as well as THF (tetrahydrofuran), MEK (methyl ethyl ketone), DMF (dimethylformamide), and NMP (n-methylpyrrolidone) are particularly suitable. Due to current legislation, the product is typically dissolved in a toluene/MEK mixture.



COMPATIBILITY

DANPOL PES-950 is good compatible with the other copolyesters of the DANPOL range. For the production of special hot-melts also an addition of different, natural and synthetic resins is possible.

STORAGE

To maintain an optimal product quality, DANPOL PES-950 should be stored in a sealed container for a maximum of 12 months. Cool, dry storage conditions are recommended. Protect from sunlight and moisture.

PRODUCT SAFETY

Under normal hygienic working conditions, DANPOL PES-950 is a largely non-dangerous material. Please note, that polyester granulates might cause an electrostatic spark emission. If larger quantities of DANPOL PES-950 are processed in the hot-melt, a good extraction of the melt fumes must be ensured.

For further data, please refer to our Safety Data Sheet

PACKAGING

25 kg bags, 500 kg and 1.000 kg bigbags.



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