Technical Information

Technomelt PS 578 S

Pressure Sensitive Hotmelt Adhesive

Characteristics
- High quality pressure-sensitive hotmelt adhesive based on thermoplastic rubber
- Good tackiness in the cold
- Easily processable by nozzle and roller application
- Particularly stable against charring
- Well suited for spin spray application
- Conforms to the guidelines of FDA
- Complies to BGA regulations

Fields of application
- Fixation of articles allowing ease of removal
- Anti-slip agent for palletizing

Technical data

Softening point (Ring & Ball):	approx. 98 °C (208 °F)
Viscosity (Brookfield):	approx. 8 400 mPa·s / 170 °C (338 °F)
Peel strength PSTC 1:	approx.2,5 N / 25 mm
Quick stick acc. to FTM 9:	approx.1,0 N / 25 mm
Shear strength acc. to PSTC 7	
(at 20 °C and 500 p / 0,25 sqinch):	approx.3 h
(at 40 °C and 1000 p / 0,5 sqinch):	approx.0,2 h

Values based on 25 g/m² coat on 23 µ polyester film.

Instructions for use

Application device:	nozzle, slot nozzle, roller coater
Recommended working temperature:	140 - 170 °C (284 - 338 °F)

Cleaning

Hotmelts remnants e. g. on surfaces of machine parts, can be removed with cold cleaning agent based on organic solvents. Depending on extent of contamination the application equipment must be inspected and cleaned regularly. If a darkened glue film is present the equipment can be cleaned by flushing with fresh material or hot paraffin wax. Carbonized material caused by overheating can only be removed with the help of a strong solvent and mechanical means. "Melt-o-clean" from Henkel, based on re- generative natural raw materials, is recommended.

Delivery form

Flat carton containing 24 blocks, contents 11 kg

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Storage
Shelf life of at least 1 year if stored in a cool and dry place.
Protect from direct sunlight.

Labelling
Not required according to GefStoffV and EU Directives.

Safety
Hotmelt adhesives give off vapours even when the specified working temperature is not exceeded.The smells emitted may often cause irritation. When the specified temperatures are considerably exceeded over a longer period of time, there is the additional danger of decomposition products being given off. Therefore measures to draw off the vapours need to be taken, e.g. through the provision of extraction equipment.

11/01

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