# **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/m<sup>2</sup> 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-oclean" 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.

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The information provided herein, especially recommendations for the usage and applications of our products, is based on our knowledge and experience. Due to different material used as well as to varying working conditions beyond our control we strictly recommend to carry out intensive trials to test the suitability of our products with regards to the required process and applications. We do not accept any liability with regards to the above information or with regard to any verbal recommendation, except for cases where we are liable of gross negligence or false intention.

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