

TECHNOMELT PS 230

Known as Instaweld H 230

April 2013

PRODUCT DESCRIPTION

TECHNOMELT PS 230 provides the following product characteristics:

Technology	EVA
Product Type	Unfilled Hotmelt
Application	Mattress Industry
Appearance	Off-white solid

Application Areas

- Mattress manufacture
- Bonding of foam material
- Bonding of isolating materials, e.g. PUR and polystyrene foams

Product Properties

- High quality hotmelt adhesive with excellent processing and adhesion properties
- High adhesion force
- High adhesion to various materials such as plastics, metal, ceramics
- Long open time
- Reduced contamination on the bonded mattresses

Technical Data

TECHNOMELT PS 230:

Open Time long
Softening Point, Ring & Ball, °C ~75

Viscosity, Brookfield - Thermosel, 150 °C, ~7,000 mPa.s
Spindle 27

Viscosity, Brookfield - Thermosel, 160 °C, ~5,000 mPa.s
Spindle 27

Viscosity, Brookfield - Thermosel, 170 °C, ~3,000 mPa.s
Spindle 27

DIRECTIONS OF USE

Preliminary Statement

Prior to application it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Instructions for Use

Working Temperature

Recommended working temperature, °C 150 to 180

Due to changing surfaces, glueability of materials can be very different. Therefore pre-tests should be carried out in case of difficult-to-bond surfaces, e. g. laquered and coated ones.

Application

Application Device:

roller
spraying application

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.

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. TECHNOMELT CLEANER MELT-O-CLEAN from Henkel, based on re-generative natural raw materials, is recommended.

STORAGE

Shelf life of at least 1 year if stored in a cool and dry place. Optimum storage temperature: 10 - 30 °C to avoid water condensation.

Classification:

Please refer to the corresponding **safety data sheets** for details on:

Hazardous Information
Transport Regulations
Safety Regulations

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