

Hot Melt Adhesive 725.5

Special adhesive for assembly bonding in the filter manufacturing industry

Fields of application

- Manufacture of filters for motor vehicle interiors

Advantages

- Good melting characteristics
- Suitable for continual, thread-form and surface application using round and/or slot nozzles
- Processable from 160°C
- Low fogging value

Properties of the bond

- Tough-elastic joint, good bond strength
- Good resistance to ageing, no brittleness
- Good temperature resistance

Properties of the adhesive

Base:	Polyolefine
Specific gravity:	approx. 0.95 g/cm ³
Colour:	honey coloured
Viscosity, Brookfield HBTD:	
at 180°C:	40,000 ± 7,000 mPa s
at 200°C	25,000 ± 5,000 mPa s
Softening point (ring and ball):	approx. 160°C ± 5°C
Delivery form:	granulate
Identification:	not required according to German regulation GefStoffV (see our safety data sheet)

Hot melt adhesives release vapours, even if the prescribed working temperature is observed. When hot melt adhesives are melted and applied, vapours are set free and an unpleasant odour can occur, even if the recommended working temperature has been observed. Moreover if the prescribed working temperature is exceeded over a longer period, there is a danger of decomposition products forming which are harmful. Precautions must be taken to eliminate the vapours, e.g. by using a suitable ventilation system.

Application methods

- hot-melt adhesive application device fitted with a nozzle application system for processing highly viscous hot-melt adhesives
- mainly using tank devices fitted with a cogwheel pump or a suitable extruder

Processing

The most favourable processing temperature is 160°C - 180°C. Processing temperature up to 200°C is possible.

The adhesive is applied to one side of the substrate only.

The **open time** is dependant upon the thermal conductivity of the substrate, the application temperature and volume of the hot-melt adhesive applied (dot/point, film, bead).

An air jet mounted after the application nozzle will accelerate the curing process.

Cleaning

For regular cleaning of the hot-melt adhesive application device, please observe the cleaning instructions provided by the manufacturer of the device.

Packaging

Plastic sack, 20 kg net

Storage

KLEIBERIT Hot Melt 725.5 can be stored for approx. 24 months.

Keep cool and dry!

EX1109; replaces previous versions

Waste Disposal

Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.

Our containers are made of recyclable material.

Service

Our application department may be consulted at any time without obligation. The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself the suitability of our products for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical consultancy service which is rendered free of charge and without obligation.