

TECHNOMELT AS 4203

Known as Technomelt Q 4203
April 2020

PRODUCT DESCRIPTION

TECHNOMELT AS 4203 provides the following product characteristics:

| | |
|---------------------|-----------------|
| Technology | Polyolefin |
| Product Type | Hotmelt |
| Application | Filter Industry |
| Appearance | beige |

TECHNOMELT AS 4203 is a high viscous hotmelt adhesive, based on Polyolefines. It is characterized by a high temperature creep resistance and forms an elastic film.

Application Areas:

- TECHNOMELT AS 4203 is used in Filter industry.
- Due to its low fogging values TECHNOMELT AS 4203 is especially used for vehicle indoor filters.
- Further applications are possible upon request.

TECHNICAL DATA

(as supplied)

| | |
|--|-------------------------|
| Colour | near colourless, opaque |
| Density, g/cm ³ ASTM D 972 | ~0.89 |
| Solid content, % | 100 |
| Softening point, °C (R&B) ASTM E 28 | 160 to 170 |
| Viscosity Brookfield, Spindle 27 at 180°C, mPa.s ASTM D 3236 | 30,000 to 44,000 |
| at 200°C, mPa.s (valid for delivery specification) ASTM D 3236 | ~22,000 to 32,000 |
| Application temperature, °C | 180 to 200 |

DIRECTIONS FOR USE

Preliminary Statement:

Prior to use 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.

Preparation

The substrates must be dry, free of oil, grease and dust.

Application:

TECHNOMELT AS 4203 is applied by melting equipment with gear pump.

The usual processing range is between 180 to 200°C.

While processing, take care to maintain a gentle thermal load by keeping the recommended working temperature range, because overheating or too often repeated melting may cause quality changes in the adhesive.

The stated processing temperatures are standard values which, according to the processing method, may vary within certain limits.

Apply the adhesive as closely as possible to the site where the parts to be bonded are joined and in a thickness ensuring complete and intensive contact to both surfaces.

When the materials which are bonded have different adhesion properties apply the adhesive to the surface which is more difficult to bond.

If this is not possible, it is recommended to increase the application temperature and/or the thickness of the adhesive layer applied.

Immediately after joining, keep the parts together until the bonded joint is held by the adhesive itself.

The required fixing time is depending on the recovery force of the material to be bonded, the "hot tack" and the solidification properties of the adhesive.

Storage:

| | |
|--|----------|
| Frost-sensitive | no |
| Recommended storage temperature, °C | 10 to 35 |
| Shelf-life, months (in unopened original packaging) | 24 |

Classification:

Please refer to the corresponding **Material Safety Data**

Sheets for details on:

Hazards identification

Transport information

Regulatory information

ADDITIONAL INFORMATION**Disclaimer****Note:**

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