

TECHNOMELT EM 1051 E

December 2020

PRODUCT DESCRIPTION

TECHNOMELT EM 1051 E provides the following product characteristics:

| | |
|---------------------|--------------------|
| Technology | Synthetic Polymer |
| Product Type | Hotmelt |
| Application | Labeling |
| Appearance | Water white, solid |

Application Areas

- Wrap around paper labeling of plastic bottles

Product Properties

- TECHNOMELT EM 1051 E is suitable for the pick-up and overlapping station
- High elongation capacity which is important in case of bottle surface expansion caused by CO₂
- Tack free Easy-melt form

Technical Data

TECHNOMELT EM 1051 E:

Viscosity

| | |
|---|--------|
| Brookfield Thermosel, Spindle 21, speed 20 rpm | |
| at 140 °C, mPas | ~1,520 |
| at 160 °C, mPas | ~710 |
| at 180 °C, mPas | ~375 |

Performance Properties

| | |
|-----------|---------------------|
| Open Time | long, surface tacky |
| Tack | high |

Compliance with food packaging regulations

Under specific conditions, TECHNOMELT EM 1051 E is suitable for the manufacture of food packaging materials under the applicable FDA, EC-provisions and/or BfR recommendations.

A food contact statement with further details is available on request.

The responsibility for compliance with the specific conditions is with the converter and not with the adhesive supplier.

DIRECTIONS OF USE

Preliminary Statement

Prior to application it is necessary to read the **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.

Application

Application method:

- rotary wrap-around hotmelt labeling machines

Working Temperature

Recommended working temperature: 150 to 160 °C

Cleaning

For the cleaning of melting tanks and application systems, we recommend the use of our HOTMELT CLEANER Q 1924.

For the cold cleaning of surface soiling on application equipment, conveyor belts or other machine parts, TECHNOMELT CLEANER MELT-O-CLEAN can be applied. During use, please follow the safety instructions.

Handling Information

Due to the variety of substrates available, adhesion of materials can be very different. Therefore pre-tests should be carried out. See also "General Instructions for the Application of Hotmelts".

STORAGE

Rotate stock, using oldest material first.

Keep containers upright and closed to prevent contamination.

Do not mix with other adhesives.

Optimum storage temperature: 10 - 30 °C.

When stored in a dry and cool place in the original unopened containers shelf life is as follows.

Shelf life:

Shelf-life (in unopened original packaging), 12 months

Classification

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

Hazardous Information

Transport Regulations

Safety Regulations



ADDITIONAL INFORMATION

Disclaimer

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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Reference 0.1

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