TECHNOMELT

Technical Data Sheet

TECHNOMELT DM 5905

June 2022

PRODUCT DESCRIPTION

TECHNOMELT DM 5905 provides the following product characteristics:

Technology	Adhesive
Product Type	Hotmelt
Application	Non-woven disposable Elastic
Appearance	Opaque yellowish color solid

Product Properties

TECHNOMELT DM 5905 is a pressure sensitive hotmelt adhesive specifically developed for nonwovens disposable elastic attachment featured with high creep resistance and low application temperature.

Application Areas

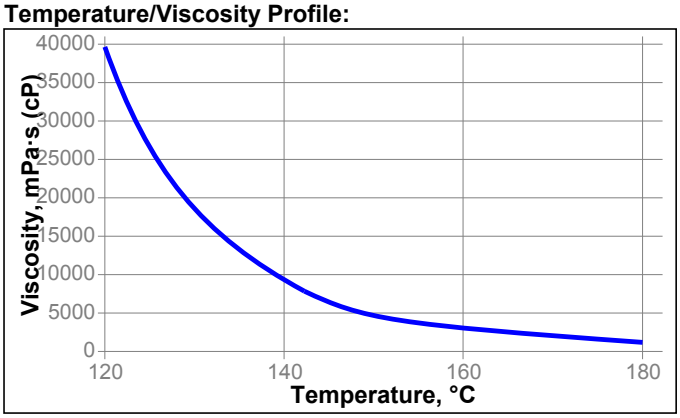
TECHNOMELT DM 5905 is suggested for all standard slot or nozzle applicators.

Technical Data

TECHNOMELT DM 5905:

Viscosity, mPa·s (cP):	
at 180 °C	Approx. 1,700
at 160 °C	Approx. 3,500
at 140 °C	Approx. 9,200
at 120°C	Approx. 39,500
Softening Point, Ring & Ball, °C	Approx. 98

Temperature/Viscosity Profile:



Compliance with food packaging regulations

TECHNOMELT DM 5905 meets composition requirements of Indirect Food Additives Regulation 21 CFR 175.105 "Adhesives".

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.

Working Temperature

Recommended operating temperature: 140 to 160 °C, depending on application conditions, machines, substrates, environment, etc.

Handling Information

- Do not mix with other adhesives.
- Keep containers and pre-melters covered to avoid contamination.
- Material is applied hot. Appropriate clothing and eye protection should be used.
- Rotate stock - first in - first out.

STORAGE

Store in a dry place where the temperature is below 40°C.

Shelf life

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

Classification

Please refer to the corresponding **Safety Data Sheets** for details on:
Hazardous Information
Transport Regulations
Safety Regulations

Henkel

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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Henkel AG & Co. KGaA
40191 Düsseldorf, Germany
Phone: +49-211-797-0

Henkel Corporation
Bridgewater, NJ 08807, USA
Phone: +1-908-685-7000

Henkel Diadema
Diadema - SP, Brasil
Phone: +55-11-3205-8955

Henkel (China) Co.Ltd.
201203 Shanghai, China
Phone: +86-21-2891-8000

Henkel Jebel Ali FZCO
Dubai, UAE
Phone: +971-4-3893333

For more information contact us on www.henkel.com

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