

TECHNOMELT KS 300

April 2013

PRODUCT DESCRIPTION

TECHNOMELT KS 300 provides the following product characteristics:

Technology	Polyolefin
Product Type	Hotmelt
Application	Edgebanding
Appearance	Granules Natural White

Application Areas

- Edgebanding as from feedrates of 20 m/min
- Edging material: veneer, melamine, polyester, HPL*, PVC*, ABS*, PP*
- Softforming with simple as well as difficult-to-bond profiles

* Suitability depends on the individual characteristics of the edging material and how it is primed.

Product Properties

- Very high heat resistance
- Good cold flexibility
- Clean running
- Very good wetting
- Permits smooth surfaces even with very flexible edging materials
- Produces tight joints
- High glue mileage
- High final bond strength

Technical Data

TECHNOMELT KS 300:

Softening Point, Ring & Ball, °C	~155
Viscosity, Brookfield - 200 °C, mPa.s	~95,000
Viscosity, Haake - 200 °C, mPa.s , (RV 20, D=200s ⁻¹)	~90,000
Heat Resistance, °C	~120
Tested with 0.6 mm oak veneer using the Henkel method of increasing temperature	

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:	
in the melting container, °C	180 to 200
at the application roller, °C	190 to 210

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.

STORAGE

Store in the original tightly closed packaging in a cool, dry place.

Shelf life

Shelf-life (in unopened original packaging), years 1

Classification:

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

Hazardous Information

Transport Regulations

Safety Regulations

ADDITIONAL INFORMATION

Disclaimer

Note:

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.

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