

TECHNOMELT PA 62

March 2019

PRODUCT DESCRIPTION

TECHNOMELT PA 62 provides the following product characteristics:

Technology	Polyamide
Product Type	Cleaning Agent
Cure	Not applicable
Condition	Viscous Liquid
Components	One-component
Application	Hotmelt Equipment Cleaning

Application Areas:

Cleaning agent for polyamides based on dimer fatty acid.

Due to the chemical basis there is a good compatibility between TECHNOMELT PA 62 and polyamide hotmelts, therefore TECHNOMELT PA 62 is an excellent cleaning agent for polyamides.

TECHNICAL DATA

Technomelt PA 62:

Color	amber
Form	liquid
Acid value, mg KOH/g	195
Density, g/cm ³	0.95
Dynamic viscosity at 25 °C, mPa.s	7,000

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.

Application:

TECHNOMELT PA 62 is used as a cleaning agent for polyamides in hotmelt application systems. The cleaning temperature should be in the range of the softening point of the polyamide product. Do not use an application temperature above 230 °C. The cleaning effect can be increased by mechanical energy that means the gear pump of the application system should be in action during the cleaning process.

Processing:

The polyamide hot adhesive should be drained as completely as possible from the entire application equipment. Degraded adhesive residues in the tank must be removed as best as possible. Enough cleaner should be filled into the tank to cover the heating zone and tank walls. The system should be heated to a maximum of 230°C. After dissolving the oxidized

resin residues, they must be scraped and removed from the tank in the best possible way. If the system has filter screens, they should be removed and cleaned separately. With excessive accumulation of charred resin, it may be necessary to drain the contaminated cleaning fluid and fill it with fresh material. If the tank walls and filter screens are clean, the system must be completely emptied. Fresh polyamide granulate is filled into the equipment and melted. After thoroughly flushing the entire system, the hotmelt is drained to remove all traces of the cleaning material before restarting normal production.

Precaution:

The cleaning effect of this product is due to a reaction between TECHNOMELT PA 62 and the polymer. This reaction causes a dramatical decrease in viscosity. Before starting again the production, it is necessary to avoid remaining parts of the cleaning agent, because small quantities are enough to create a reduction in viscosity. The system should be rinsed with the hotmelt adhesive and the adhesive should be removed.

Safety Precautions:

Be careful during the hot cleaning process because the hot fatty acid liquid cleaner can produce severe burns. The appropriate safety precautions should be used (see also safety-data-sheet). If hot liquid has contacted your skin, cool the affected area immediately with cold water. Seek medical advice.

Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:

Hazards identification
Transport information
Regulatory information

Storage:

Up to max. 35 °C, 24 months in original closed container.

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