

TECHNOMELT SUPRA 100September 2019

Description:

High performance hot melt adhesive used for packaging applications, case & carton sealing and tray forming.

Characteristics

- High quality synthetic hot melt
- High processing quality and adhesion
- Extremely high thermostability, very low charring qualities
- Very high mileage characteristics
- Excellent cold flexibility
- High heat resistance

Fields of application

- Versatile product for gluing of wrap-around cases, tray forming, case sealing and carton sealing
- Gluing a wide range of papers and boards – including printed and lacquered surfaces
- Permits high machine speeds
- Suitable for deep-freeze packaging

Typical Properties:

| | |
|-------------------------|---|
| Appearance: | White product, melts clear |
| Odour: | Negligible |
| Viscosity: | Approx. 1400 cP at 160°C (320°F) Approx. 950 cP at 180°C (356°F) |
| Solids: | 100% |
| Open Time: | Approx. 5 - 7 seconds at 170°C |
| Set Time: | Fast setting (1 - 2 seconds at 170°C) |
| Softening Point: | 100 - 110°C |
| Molten Tack: | High |

Directions for Use:

Technomelt SUPRA 100 may be applied by nozzle, wheel or plunger. Recommended Temperature working range is 160 - 190°C (320 - 374°F). Due to changing surfaces, gluability of materials can be different. Therefore pre-tests should be carried out in the case of difficult-to-bond surfaces, e.g. lacquered and coated substrates.

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Clean Up:

TECHNOMELT PUR CLEANER ME can be used for cleaning the hot melt tank and application system. While working with this cleaning agent, strictly observe safety regulations. Refer to the TDS/MSDS for details.

For the cold cleaning of application equipment, conveyor belts or other machine parts TECHNOMELT CLEANER Melt-O-Clean can be applied. TECHNOMELT CLEANER Melt-O-Clean is based on natural resources and supplies the manual cleaning. Before using TECHNOMELT CLEANER Melt-O-Clean, its suitability for lacquered or synthetic coated surfaces should be tested. Refer to the TDS/MSDS for details.

Storage and Handling:

Please read the Material Safety Data Sheet for this product BEFORE use.
Store in a cool and dry place and prevent exposure to temperature extremes. Do not mix with other adhesives.
Please ensure that products classed as a dangerous good are stored in compliance with the applicable regulations.

Shelf Life:

Best used within 24 months from date of manufacture when stored under the above conditions in the original unopened containers.

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