

# Technical Information

## TECHNOMELT EXTRA 4201

**van Asperen**  
KLEEFSTOFFEN

<b>Type of adhesive</b>	High quality synthetic Hot Melt.
<b>Field of application</b>	Packaging industry Versatile product for gluing of wrap-around cases, tray forming, case sealing and carton sealing. Gluing a wide range of papers and boards (also kraft) – including printed and lacquered surfaces. Permits high machine speeds.

### Product specifications

#### Softening point (R&B)

106 ± 4 °C

#### Viscosity 160 °C

1200 ± 250 mPa.s

### Method

ISO 52011

ASTM D 3236

### Product Characteristics

Shape granules, pearls

Colour Off-white

Viscosity curve 160 °C 1200 mPa.s

170 °C 900 mPa.s

180 °C 700 mPa.s

Setting time Short

Open time (170 °C) Medium according to the quantity of adhesive applied, to the substrate and to the application system.

High machineability and adhesion performances. Much higher and longer thermal stability than traditional EVA based hot melts. Suitable for "deep freeze" products thanks to its excellent cold flexibility. Very high heat resistance.

### Application

Nozzle, wheel, plunger.

### Temperature

150 °C - 180 °C

### Cleaning

Hot melts remnants e.g. on surfaces of machine parts, can be removed with cold cleaning agent based on organic solvents. Depending on extent of contamination, the application equipment must be inspected and cleaned regularly. If a darkened glue film is present, the equipment can be cleaned by flushing with fresh material or hot paraffin wax. Carbonized material caused by overheating can only be removed with the help of a strong solvent and mechanical means. "Melt-o-clean" from Henkel, based on regenerative natural raw materials, is recommended.

### Packaging

25 kg sacks.

### Storage

Shelf life of at least 1 year if stored in a cool and dry place.

### Remarks

Due to changing surfaces, gluability of materials can be very different. Therefore pre-tests should be carried out in case of difficult-to-bond surfaces, e. g. lacquered and coated ones.

Zingonia, November 2006.

Le presenti informazioni si basano sulle nostre conoscenze ed esperienze. A causa della diversità dei materiali presenti sul mercato ed al fatto che le condizioni di applicazione sfuggono al nostro controllo, si deve verificare, con prove adeguate, l'idoneità del prodotto per lo specifico uso preso in considerazione. Le responsabilità della Henkel Loctite Adesivi S.r.l. si limitano alla garanzia della costante qualità del prodotto.

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