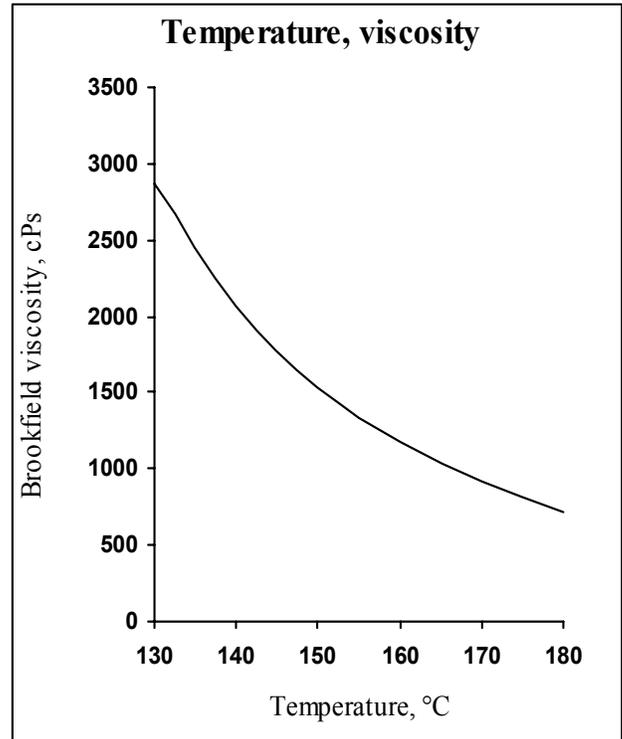


TECHNICAL DATA SHEET Hot melt adhesive **BAMFutura 1**

BAMFutura 1 has been proven to be an excellent universal carton and case sealer. It performs well on the slowest case packers and the fastest carton sealers (160 cartons per minute-typical) in both cold winter and hot summer conditions. In storage, the case/carton will retain bond integrity at high ambient temperatures and low storage temperatures, down to -30°C on untreated boards.

The “pearl white” of **BAMFutura 1** highlights its quality, giving such benefits as low odour, non-fuming and non-tainting, very important in food packing environments. It has the highest level of thermal stability of any hot melt adhesive, which prevents nozzle blockages caused by the build up of char or gel.

BAMFutura 1 is clean running on jet, wheel and dauber systems and together with the excellent thermal stability cuts machine downtime to an absolute minimum. **BAMFutura 1** has been formulated to give a medium to short open-time, high molten tack and a fast speed of set. These characteristics, together with excellent adhesion to a wide range of boards, high heat resistance (90°C - 25mm² lap-shear/100g load) and low temperature resistance makes **BAMFutura 1** the 1st choice in carton and case sealing applications.



Methods of application

Jet, wheel or dauber. Suggested application temperature is 150°C to 160°C (Depending upon substrates to be bonded).

Technical characteristics

Adhesive type

Synthetic polymer based hot melt

Brookfield viscosity (BA QA101)

See curve above for typical values

Viscosity at suggested application temperature

1175cP at 160°C (typical value)

Ring and ball softening point (BA QA102)

110°C (typical value)

Adhesive open time

Short/Medium

Adhesive molten tack

High

Colour

Pearl White

Packaging

Pastilles/Slats

FDA approved All the constituent parts of this adhesive have been approved by the American FDA under CFR 21.175.105

TDS number/date BAMFutura 1 - Issue 6, February 2004 DU

Health and safety

Follow the guidelines in the BASA *Safe Handling* handbook available from Beardow Adams. Use protective clothing and take normal precautions when using hot liquids.

Burns Do not attempt to remove cold adhesive from skin – seek medical advice.

Hot fumes Do not inhale. Use in a well ventilated area.

Fire risk Use at recommended running temperatures.

Thermal stability

All Beardow Adams hot melt adhesives are formulated to minimise the risk of degradation at elevated temperatures. To ensure clean running, however, keep to the suggested application temperature, check thermostats regularly and never exceed 200°C.

Storage

Store in a clean dry place at temperatures between 5 and 30°C with containers kept closed. Use oldest stock first.

Further advice

Highly experienced members of Beardow Adams' technical department are always available to help solve your adhesive problems and to give general advice. If you require further technical details on this hot melt adhesive or any other product from our range. Please contact our laboratory.

To arrange samples and trial quantities, please phone our sales department. Both departments can be contacted on 01908 315474 or faxed on 01908 223337.

Please note

The statements made in this data sheet are the experience of Beardow Adams in the field and the result of very careful laboratory evaluations by trained and qualified staff employing British Standard and similar test methods. No guarantee can be made, however, as regards specific applications as conditions and substrates etc are different for each individual case. Full production trials and end-use testing should be undertaken to properly evaluate any adhesive under specific conditions.