

TECHNICAL DATA SHEET

Hot melt adhesive

BAM 418

Special features

BAM 418 is ideal for a wide variety of applications where a high speed, very fast setting hot melt adhesive is required. BAM 418 has a versatile temperature performance. This enables it to be used if high heat resistance is required, such as in microwaves and markets where hot climates may be encountered, as well as in deep freeze applications - where it has been successfully tested down to -30°C on untreated boards. In addition, BAM 418 has low odour, excellent thermal stability and good gap filling capabilities.

Applications

Packaging BAM 418 is widely used for tray forming, top and bottom case sealing, carton sealing.

Its viscosity makes it particularly suitable for wraparound case sealing.

Product Assembly BAM 418 can also be used in some lightweight assembly applications and has been successful in pocket spring mattress applications.

Test	Test Methods	Typical Value
Colour	Visual	Very Pale Amber
Viscosity	BAQA101	1500cP @160°C
Softening Point	BAQA102	113°C
Form	N/A	Pastilles
Adhesive open time	BS5350 (s)	Very Short
Molten Tack	N/A	High

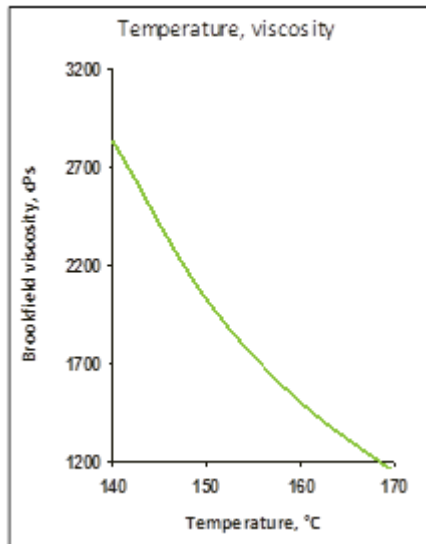
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Note: This publication is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use. © 2015. ™The Beardow Adams logo, BAM, BAMFutura, BAMCare, BAMClean, AquaBAM, EcoBlock, Pressen and Prodas are all trademarks of Beardow & Adams (Adhesives) Limited.

Application method

BAM 418 should be applied at 150°C to 170°C depending upon substrates to be bonded.

Please note that the application temperatures may have to be adjusted to lower temperatures for product assembly applications



FDA approved

All the constituent parts of this adhesive have been approved by the American FDA under CFR 21.175.105 (adhesives) (subject to limitations)

Health and safety

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 574000 or faxed on 01908 574060.

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.