



HM 4118NSN

HOT MELT COPOLYESTER ADHESIVE

KEY FEATURES

- Excellent high and low temperature resistance
- Tin-free formula
- Excellent extrudability

DESCRIPTION

HM 4118NSN is a high performance copolyester adhesive with outstanding high and low temperature resistance. This adhesive can be used to bond a variety of substrates, including paper products, leather, woven and nonwoven fabrics. HM 4118NSN has excellent resistance to both laundering and dry cleaning.

This adhesive is produced without the use of a tin catalyst to comply with metal restrictions in various markets.

PACKAGING

HM 4118NSN is packaged in bags, bulk bags, and gaylords. Please contact your Bostik representative for additional packaging options.

SHELF LIFE

The shelf life of HM 4118NSN is approximately 12 months when stored in the sealed, original container at temperatures of 5°C to 35 °C.

STORAGE & HANDLING

This resin will slowly absorb moisture from ambient air, which may cause foaming upon melting of the product. Therefore, care should be taken to minimize moisture exposure. Keep containers sealed when not in use and store in cool, dry area.



TYPICAL PHYSICAL PROPERTIES

Description	Results
Appearance	Off-white pellets
Specific Gravity	1.24
Thermoset Viscosity	170,000 cPs @ 215 °C
Softening Point (Ball & Ring)	140 °C
Melting Point (DSC)	127 °C
Relative Crystallization Speed	Medium

APPLICATION TECHNIQUES

HM 4118NSN can be applied via conventional reservoir type hot melt applicators or by extrusion. Typical application temperatures range from 171 – 216 °C.

HM 4118NSN is recommended for the more difficult to bond to surfaces. Hard, smooth surfaces are typically more difficult to bond than rough, porous surfaces. Mate the surfaces to be bonded as quickly as possible after adhesive has been applied for optimum bond strength. Use the firmest pressure practical for the object being bonded. Do not move or adjust surfaces after contact has been made, as inferior bond strength will result.

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

LIMITED WARRANTY

The Limited Warranty for this product can be found at www.bostik-us.com/resource-center/warranties or by calling 1-800-726-7845 (choose option 2, then option 2 again). To the maximum extent allowed by law, Bostik disclaims all other express or implied warranties, including without limitation warranties of merchantability and fitness for a particular purpose. Unless otherwise stated in the limited warranty, the sole remedy for breach of warranty is replacement of the product or refund of the buyer's purchase price. Bostik disclaims any liability for direct, incidental, consequential, or special damages to the maximum extent allowed by law. Disclaimers of implied warranties may not be applicable to certain classes of buyers and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

BOSTIK HOTLINE

Smart help
1-800-726-7845

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This document supersedes all previously published literature.
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