



HM4278

HOT MELT POLYAMIDE ADHESIVE

KEY FEATURES

- Fast set
- Heat, chemical, and grease resistant
- Good chemical and grease resistant

DESCRIPTION

HM4278 is a high-performance dimer acid polyamide adhesive. This specialty adhesive offers the combined benefit of a low viscosity for applications requiring high outputs and a good balance of high and low temperature properties.

KEY BENEFITS

- Easy application to substrate
- Quick processing times
- Suitable for applications with harsh environmental conditions

PACKAGING

This item is available in 44 pound bags.

SHELF LIFE

Shelf life is one year at 73°F (23°C) in sealed containers.

STORAGE & HANDLING

Polyamides 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	Amber Pellets
Density	1.0 g/cc
Softening Point (Ball & Ring)	363°F (184°C)
Thermosel Viscosity	5,000 cP (204°C)
Tensile at Break	1,655 psi (11,410 kN/m ²)
Elongation at Break	240 %
Shore D Hardness	43
Relative Open Time @ 218°C	20-30 seconds

APPLICATION TECHNIQUES

HM4278 can be applied in conventional hot melt applicators at temperatures between 392 - 437°F (200 - 225°C). Caution must be taken as polyamides will absorb moisture from the surrounding environment and lead to bubbling in the melting units.

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

Bostik, Inc.
11320 W. Watertown Plank Road
Wauwatosa, WI 53226
www.bostik-us.com



This document supersedes all previously published literature.
12.31.2015