



HM4229

HOT MELT POLYAMIDE ADHESIVE

KEY FEATURES

- Excellent plasticizer resistance
- Good temperature resistance
- Long open time

DESCRIPTION

HM4229 is thermoplastic dimer-acid polyamide supplied in a pellet form. This product has been developed to bond to a variety of substrates including wood, metal and many plastics including plasticized PVC. HM4229 offers the combined benefit of low application viscosity for ease of application and a good balance high and low temperature properties.

KEY BENEFITS

- Easy application
- Bonds with a variety of substrates for a range of applications
- Good high and low temperature performance

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.

APPLICATION TECHNIQUES

HM4229 is typically applied at temperatures ranging from 356 - 400°F (180 - 204°C). The adhesive can be applied via slot die, spray and hot melt gravure systems being fed from conventional reservoir type hot melt applicators.



TYPICAL PHYSICAL PROPERTIES

Description	Results
Appearance	Light Amber Pellets
Density	1.01 g/cc
Softening Point (Ball & Ring)	144°C
Thermosel Viscosity	4,000 cP (200°C)
Tensile at Break	790 psi (5,400 kN/m ²)
Elongation at Break	350 %
Shore D Hardness	30
Relative Open Time @ 218°C	50-60 seconds

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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