



HM4279LV

HOT MELT POLYAMIDE ADHESIVE

KEY FEATURES

- Moderate open time
- High tensile strength
- Bonds variety of substrates

DESCRIPTION

HM4279LV is a high performance specialty polyamide-based hot melt designed to bond a variety of substrates including leather, wood, Kraft and paper products.

Due to the combined benefits of low application viscosity and high temperature resistance, HM4279LV has proven to be an effective adhesive for filter assembly.

KEY BENEFITS

- High temperature and chemical resistance
- Easy process application
- Good for both general and specialized assembly applications

PACKAGING

This product 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.



FILTER ASSEMBLY

GENERAL PRODUCT ASSEMBLY

WOOD BONDING

TYPICAL PHYSICAL PROPERTIES

| Description | Results |
|--|---------------------------------------|
| Appearance | Amber Pellets |
| Specific Gravity | 0.97 |
| Thermosel Viscosity | 4,750 cP (200°C) |
| Softening Point (Ball & Ring) | 173°C |
| Tensile at Break | 2,590 psi (17,900 kN/m ²) |
| Elongation at Break | 245 % |
| Shore D Hardness | 49 |
| Relative Open Time @ 218°C | 20-30 seconds |
| Heat Resistance (1000 g/in ² , 5°C/min, 30 min) | 248°F (120°C) |

APPLICATION TECHNIQUES

HM4279LV is typically applied at temperatures between 375-425°F (191-218°C). Adhesive application is best conducted using conventional reservoir type hot melt applicators. These melting units can be equipped to apply adhesive via bead extrusion or swirl methods.

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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