



February 2006

## Technical Data Sheet

# 7116

## Hot Melt Adhesives

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### Product Description

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Bostik HM 7116 is a high performance polyester hot melt adhesive designed to bond wood, textiles, and vinyl film. This product has a moderate open time, low application viscosity, and good temperature resistance.

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### Product Benefits

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- Excellent resistance to plasticizer migration
- Low application viscosity
- Good high temperature resistance

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### Product Applications

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- Edgefold applications
- General product assembly

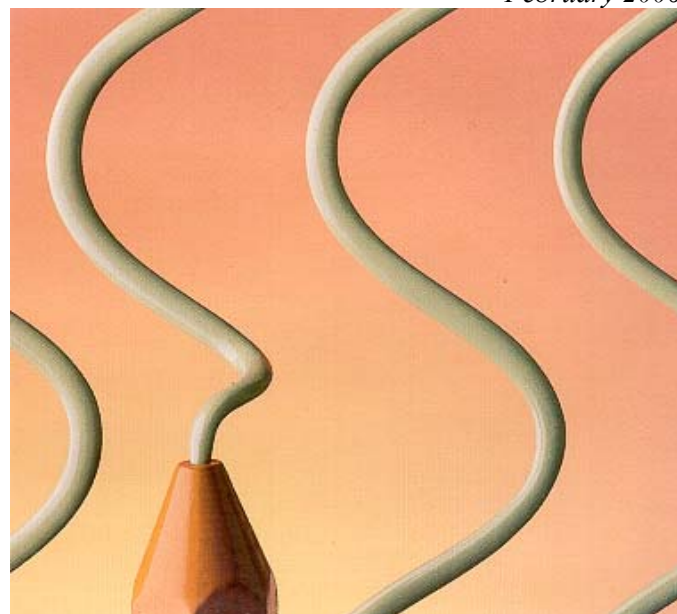
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### Directions for Use

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Bostik HM 7116 is typically applied at temperatures ranging from 400°F – 450°F. Adhesive can be applied via slot die, spray and hot melt gravure systems being fed from conventional hot melt applicator systems.

Once melted, like any hot liquid, it can produce severe burns. Care should be taken to avoid getting the hot adhesive on skin. Use gloves to minimize skin contact. DO NOT use solvent for cleaning hands.



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### Typical Physical Properties (not for specification use)

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Appearance:	Light amber granules
B&R Softening Point:	137°C
DSC Melt Point:	127°C
Melt Viscosity, cps:	28,000 @ 215°C
Melt Flow Index:	N/A
Density (g/cc):	1.25
Tensile @ 25°C, psi:	3,940
Elongation @ 25°C, %:	500
Relative Open Time, @ 200°C:	Medium
SAFT (1000 gms/in <sup>2</sup> 5°C/min):	125°C
Low Temp Flexibility:	N/A

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### Storage and Handling

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Shelf life is one year at 23°C in sealed containers. 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.

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### Further Information

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Please refer to MSDS for complete details

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