

Technical Data Sheet

Last Revised: January 2009

Vinac 1082 latex has been specifically designed as a pigment binder for paper and paperboard applications. Vinac 1082 is a vinyl acetate - ethylene latex which provides a unique balance of properties including excellent water/ink receptivity, improved wet pick strength versus common vinyl acetate - ethylene latex, and outstanding rheology in clay/ carbonate coating formulations. Coatings containing Vinac 1082 possess excellent color stability after prolonged UV exposure, are odor-free, and demonstrate exceptional glueability with hot melt and white glues.

Application

Vinac 1082 latex is an outstanding binder for applications seeking improved flexibility and gloss versus polyvinyl acetate homopolymer and can also provide value in comparison with lower Tg binders through elevated block resistance and improved water resistance. In many recycled board applications Vinac 1082 provides an excellent balance of properties, generating improved stiffness versus commonly used binders without detrimental impact on scoreline cracking or print quality.

HANDLING

Vinac 1082 latex contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn.

Ashland maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.

Our Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Ashland products in your facilities.

Typical Properties

Polymer type	Vinyl acetate-ethylene latex
Tg	+24° C
Solids ¹	49.0%
Viscosity ²	112 cps
pH	6.8
Density	9.0 lbs/gal
Particle size ³	0.20 microns
Free monomer ⁴	0.25% maximum
Particle charge	Slightly anionic

¹ Cenco Moisture Balance

² Brookfield LVF, 60 rpm, #2 spindle, 77°F

³ Bucino laser light scattering

⁴ Free vinyl acetate by gas chromatography

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