

TECHNICAL DATA SHEET

10LD1300/25

Aqueous Blister Pak Coating

PRODUCT CLASS

Acrylic Based Aqueous Dispersion

DESCRIPTION

Hostmann-Steinberg Coating 10LD1300/25 is formulated for use on approved blisterboard stock in sheetfed offset press applications. It is selected for its combined features of excellent heat seal response, high gloss and good drying properties.*

TYPICAL APPLICATIONS

- Blister Cards
- Foldover Applications

PERFORMANCE CHARACTERISTICS

- Excellent heat seal response
- High gloss
- Excellent fiber tear
- Good drying

PROCESSING INFORMATION

Application Viscosity: Use as received and stir. Recommended application temperature 65-75°F.

Reduction: Only with technical advice.

Equipment: In-line blanket coaters

Drying: Sufficient volumes of warm air, and medium or short wave I.R. Load temperatures should range between 85°F and 95°F.

Dry Film Weight: 0.5-0.6 lbs. dry weight/MSF

Inks: Blister-pak wax free inks.

Clean up: Cleaning is best accomplished before coating dries. Use warm water and liquid detergent.

Cell/Film: PVC, PET

Board Type: Blisterboard (example: Potlatch, CCA)

Sealing Results: 200-210°F, (IBT) Interfacial Bond Temperature for full fiber tear using approved blisterboard with PVC blister cell plastic.

Typical Heat Seal Schedule: 300-350° / 60-100psi / 1.5 – 3.0 seconds. Schedule requirements will vary with board brand thickness and condition as well as plastic type and specifications.

TYPICAL PHYSICAL PROPERTIES

Viscosity: 30-33 seconds, #3 EZ cup @ 70°F

pH: 8.5-9.5

Non-Volatiles: 44-46%

VOC: 0.29 lb./gallon

Weight/gallon: 8.4-8.6 lbs.

Freeze/Thaw Stability: Keep from freezing

Shelf Life: Not recommended for use after six months when stored at normal (68-75°F) room temperature.

* Preliminary testing must be conducted to establish that each specific application may be accomplished acceptably. Refer to Material Safety Data Sheet. All statements therein apply until the product is completely dry throughout the film. 5/04