

TECHNICAL DATA SHEET 10LD7122/20 Aqueous Primer Coating

PRODUCT CLASS

Acrylic Based Aqueous Dispersion

DESCRIPTION

Hostmann-Steinberg Coating 10LD7122/20 is formulated for application on paper and paperboard with in-line coater/dampeners and blanket coaters. It is selected as a primer between ink and U.V. coatings.*

TYPICAL APPLICATIONS

- Commercial Sheetfed
- Folding Cartons

PERFORMANCE CHARACTERISTICS

- Reduces / Eliminates offset spray powder
- Excellent primer for inks, water-based and U.V. top coatings*
- Wax-free. Do not use as top coat

PROCESSING INFORMATION

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

Reduction: Only with technical advice. Reduction may be required for certain equipment in order to achieve optimum results.

Equipment: Coater/dampeners, blanket coaters

Drying: Sufficient volumes of warm air, and medium or short wave I.R. Load temperatures should range between 95°F and 105°F. Total curing upon aging.

Wet Film Weight: Recommend 0.8-1.2 lbs. wet weight/MSF to optimize performance.

Inks: High solids inks with wax content limited to polyethylene should be used.*

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

TYPICAL PHYSICAL PROPERTIES

Viscosity: 20-25 seconds, #3 EZ cup @ 70°F

pH: 8.0-9.0

Non-Volatiles: 39-41%

VOC: 0.35 lb./gallon

Weight/gallon: 8.5-8.7 lbs.

Freeze/Thaw Stability: One cycle

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. 5/02