

TECHNICAL DATA SHEET

10LD7183/25

Matte Aqueous Coating

PRODUCT CLASS

Acrylic Based Aqueous Dispersion

DESCRIPTION

Hostmann-Steinberg Coating 10LD7183/25 is formulated for application on paper and paperboard with in-line coater/dampeners and blanket coaters. It is selected for its matte finish. It can be used as a primer for UV coatings.*

TYPICAL APPLICATIONS

- General Purpose
- Folding Cartons

PERFORMANCE CHARACTERISTICS

- Matte finish
- Excellent burnishing and redispersion properties
- Reduces/Eliminates offset spray powder

PROCESSING INFORMATION

Application Viscosity: Use as received and stir. Recommended application temperature 65-75⁰F.

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 95⁰F and 105⁰F.

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

Inks: Wax content should be limited to polyethylene.*

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

TYPICAL PHYSICAL PROPERTIES

Viscosity: 25-30 seconds, #3 EZ cup @ 70⁰F

pH: 8.0-9.0

Non-Volatiles: 40-42%

VOC: 0.25 lb./gallon

Weight/gallon: 8.7-8.9 lbs.

Freeze/Thaw Stability: One cycle

Shelf Life: Not recommended for use after six months when stored at normal (68-75⁰F) 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. 5/03