

TECHNICAL DATA SHEET

10LD7091/25

Heat Resistant Aqueous Coating

PRODUCT CLASS

Acrylic Based Aqueous Dispersion

DESCRIPTION

Hostmann-Steinberg Coating 10LD7091/25 is formulated for application on paper and paperboard with coater/dampeners and blanket type coaters. It is selected for its combined features of good gloss with good rub, heat and condensation resistance.*

TYPICAL APPLICATIONS

- Folding Cartons
- Frozen food packaging (outside)
- Back-Side of Blister Board

PERFORMANCE CHARACTERISTICS

- Good gloss
- Good rub resistance
- Excellent heat resistance
- Reduces/Eliminates offset spray powder

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.

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: 20-25 seconds, #3 EZ cup @ 70°F

pH: 8.5-9.5

Non-Volatiles: 32-34%

VOC: 0.3 lb./gallon

Weight/gallon: 8.7-8.9 lbs.

Freeze/Thaw Stability: Do not freeze.

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. 3/05