

## **TECHNICAL DATA SHEET**

# **10LD7173/25**

### **Alkali Resistant Coating**

#### **PRODUCT CLASS**

Acrylic Based Aqueous Dispersion

#### **DESCRIPTION**

**Hostmann-Steinberg Coating 10LD7173/25** is formulated for application on paper and paperboard with in-line blanket coaters. It is selected for its combined features of excellent gloss and drying with good rub, scuff and alkali resistance.\* It is popular on cartons stored in industrial freezers.

#### **TYPICAL APPLICATIONS**

- Commercial Sheetfed
- Folding Cartons

#### **PERFORMANCE CHARACTERISTICS**

- Excellent gloss
- Good rub, scuff and alkali 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:** 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:** 15-20 seconds, #3 EZ cup @ 70°F

**pH:** 8.5-9.5

**Non-Volatiles:** 33-35%

**VOC:** 1.04 lbs./gallon

**Weight/gallon:** 8.4-8.6 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 Data Sheet. All statements therein apply until the product is completely dry throughout the film. 10/06