

TECHNICAL DATA SHEET



KS-7080

Paper Food Packaging Gloss AQ Coating

Product Description

KS-7080 is an acrylic-based aqueous coating made with 21CFR 175.300 approved materials for application to paper and paperboard with in-line coating units. KS-7080 contains no voc's, exhibits low odor characteristics and considered low migration. Typical applications include commercial or folding carton sheetfed work where indirect food contact is required. Please contact your Kustom Group representative for additional information.

Performance Characteristics

- Gloss values consistent with non-compliant water coatings
- Good rub and scuff resistance
- Low foaming
- Good for most hot foil stamping, imprinting and gluing applications. Before doing so, KS-7080 should be completely evaluated under production conditions using the actual substrate and ink, as materials for foil stamping, imprinting and gluing vary from supplier to supplier.

Physical Properties

- **Viscosity:** 15 - 17 #3 Zahn (Signature) @ 77° F
- **pH:** 8.0 - 9.0 @ 77° F
- **Solids:** 32 - 34% Method 24
- **Shelf Life:** One year (unopened container)

Pigment Selection

Most aqueous coatings are alkaline in pH due to the presence of ammonia and/or amines. Kustom Group recommends avoiding the use of inks containing pigments that may bleed or change color when being exposed to an aqueous coating. Pigments that typically exhibit this alkali sensitivity include YS Rhodamine, BS Rhodamine, Methyl Violet, Fluorescent, Red Lake C, Alkali Blue (Reflex Blue) and other amine sensitive pigments. Many pigments normally considered safe may prove to be problematic in low color strength color matches. The safest option is to use inks formulated to resist this color alteration. As a precaution, we strongly recommend that new pigments and ink formulations be evaluated with this coating.

FOR YOUR PROTECTION:

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