

TECHNICAL DATA SHEET



KK8100

Economical Satin AQ Coating

PRODUCT DESCRIPTION

KK8100 is an acrylic-based aqueous coating for application to paper and paperboard with in-line anilox or roller coaters. Typical applications include commercial or folding carton sheetfed work where a satin appearance is desired.

PERFORMANCE CHARACTERISTICS

- Exhibits excellent satin appearance with non-burnishing characteristics. Typical gloss reading is 10-20% with a 60° gloss meter dependent on ink, substrate and application method
- Exhibits excellent rub and scuff resistance
- "**MAY BE SUITABLE**" for some hot foil stamping, imprinting and gluing applications. Before doing so, KK8100 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. Feel free to contact Kustom Group for additional information.
- Suitable for work & turn and one-side printing.

PHYSICAL PROPERTIES

- **Viscosity:** 16 - 18" #3 Zahn (Signature) @ 77° F
- **pH:** 8.0 - 8.5 @ 77° F
- **Solids:** 36 - 39% Method 24
- **Shelf Life:** One year (unopened container)

PIGMENT SELECTION

Most aqueous coatings are alkaline in pH because of 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 possibly other 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 burn potential. As a precaution, we strongly recommend that new pigments and ink formulations be evaluated with this coating.

FOR YOUR PROTECTION:

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