

TECHNICAL DATA SHEET



KK9853

Digital Satin AQ Coating

PRODUCT DESCRIPTION

KK9853 is an acrylic-based aqueous coating for application over HP Indigo (sizing dependent) digital ink printed on paper and paperboard substrates. KK9853 may be applied with in-line or off-line coater/dampeners.

PERFORMANCE CHARACTERISTICS

- Excellent satin appearance and non-burnishing characteristics. A typical gloss reading is 25-35% with a 60° gloss meter dependent on ink, substrate and application method.
- Great wetting and adhesion.
- May be evaluated over other toner and wax based digital printing.
- "**MAY BE SUITABLE**" for some hot foil stamping, imprinting, UV coating and gluing applications. Before doing so, KK9853 should be completely evaluated under production conditions using the actual substrate and ink, as materials for foil stamping, imprinting, UV coating and gluing vary from supplier-to-supplier. Feel free to contact Kustom Koatings for additional information.

PHYSICAL PROPERTIES

- **Viscosity:** 16 - 18" #3 Zahn (Signature) @ 77° F
- **pH:** 8.0 - 8.5 @ 77° F
- **Specific Gravity:** 1.04
- **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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