

TECHNICAL DATA SHEET



KK9805

Soft Touch Matte AQ Coating

Product Description:

KK9805 is a special effect tactile aqueous coating for application to paper and paperboard with litho in-line coaters and flexo presses that are equipped with chambered doctor blade anilox systems. Typical applications include commercial, folding carton and specialty printing work where a "Soft-Feel" matte finish is desired. Contact Kustom Coatings for additional information, as it is important to fully understand the optimum conditions for success.

Performance Characteristics:

- Soft-Feel exhibits an excellent matte appearance and non-burnishing characteristics.
- A normal volume anilox roller should provide the desired film thickness for "Soft-Feel" properties.
- A chambered doctor blade anilox configuration will exhibit a smoother appearance versus a 2-roll coater.
- KK9805 has been used successfully with litho oil-based, UV, UV Hybrid, web heatset and aqueous flexo in systems.
- This coating "**MAY BE SUITABLE**" for hot foil stamping, off-line UV coating, imprinting and gluing applications. KK9805 should be completely evaluated under production conditions using the actual substrate, ink, and materials for foil stamping, off-line UV coating, imprinting and gluing to ensure satisfaction throughout the entire process.

Application Advisements:

- Double-bumping KK9805 on a single-sided, or two-sided, application is **NOT** encouraged. This exaggerated film thickness is considered to be high risk for blocking, clinging, sticking, etc.
- Ensure that the ink system will dry/cure thoroughly. Avoid extreme stay open inks.
- We recommend using short lifts for sheetfed litho jobs with heavy ink coverage.

Physical Properties:

- **Viscosity:** 22 - 26" #3 Zahn (Signature) @ 77° F
- **pH:** 7.5 - 8.0 @ 77° F
- **Solids:** 30-34% Method 24
- **Shelf Life:** One year (unopened container)

Pigment Selection:

Most aqueous coatings are alkaline in pH because of the presence of ammonia. We recommend that the printer avoid the use of inks containing pigments that may bleed or change color when being exposed to an aqueous coating. Pigments that typically exhibit this sensitivity to alkali include YS Rhodamine, BS Rhodamine, Methyl Violet, Fluorescent, Red Lake C, Alkali Blue (Reflex Blue) and possibly other pigments.

FOR YOUR PROTECTION:

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