

TECHNICAL DATA SHEET

KK8005

Board Packaging Gloss AQ Coating



PRODUCT DESCRIPTION

KK8005 is an acrylic-based aqueous coating for application to paperboard with in-line coater/dampeners. KK8005 has lower slide angle properties for increased slip to help during finishing. Typical applications include commercial sheetfed work when one coating is desired for broad use in the pressroom.

PERFORMANCE CHARACTERISTICS

- Exhibits excellent gloss and clarity
- Exhibits excellent rub and scuff resistance.
- **"MAY BE SUITABLE"** for some hot foil stamping, imprinting and gluing applications. Before doing so, KK8005 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 Services for additional information.
- Suitable for work & turn and one-side printing.

PHYSICAL PROPERTIES

- **Viscosity:** 16 - 18" #3 Zahn (Signature) @ 77° F
- **pH:** 8.0 – 9.0 @ 77° F
- **Solids:** 34 - 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 Services 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:

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Kustom Services, LLC, and users should make their own tests to determine the suitability of this product for their own particular purposes. However, because of numerous factors affecting results, Kustom Services, LLC makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for particular purpose, other than that the material conforms to its applicable current Standard Specifications. Standard Specifications, although current at the time of publication, are subject to change without notice. Please refer to the SDS for additional information.

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