

Technical Data Sheet

KKLP411



Durable Matte BZP Free UV Coating

Product Description

KKLP411 is formulated as a benzophenone free, low gloss UV coating for application over digital ink like HP Indigo. KKLP411 is specifically formulated to improve mechanical wear, rub resistance and water and chemical resistance. KKLP411 achieves these properties without the need of additional additives or crosslinkers and could be a replacement for DG901. For additional information regarding assistance and applications, please contact your Kustom Coatings representative.

Performance Characteristics

- BZP (Benzophenone)
- Low gloss
- Reduced burnishing
- Not considered imprintable, foil-stampable, glueable, etc.
- Produces a smooth finish when applied by anilox coating unit

Physical Properties

- Solids: > 99%
- Specific Gravity: 1.11
- Viscosity: 18 – 22 sec. #3 Zahn

End Use Considerations

KKLP411 should be evaluated under production conditions using the actual digital ink system and substrate to ensure that leveling, adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete adhesion over some digital inks and/or substrates. Corona treatment of the ink and substrate prior to coating application is highly recommended.

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

Certain precautions should be taken when handling this product. Please refer to the Safety Data Sheet (SDS) for further details. This product contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Since irritation may not occur immediately, contact can go unnoticed. Consult the SDS for appropriate equipment prior to using this or any other materials referred to in this Technical Data Sheet.

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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