

Technical Data Sheet

LED-303

LED Flexo Photoinitiated Extender



Product Description

LED-303 is a balanced extender system for LED curable flexo inks with photoinitiator already in it. **LED-303** exhibits excellent rheology, outstanding press performance, and fast cure. **LED-303** can be used to make all types of LED flexo inks. Suitable for coated and uncoated papers, treated PE, PP, and various treated films. For additional information regarding formulary assistance and applications, please contact your KUSTOM SERVICES, INC. representative.

Performance Characteristics

- Excellent rheology and press performance
- Contains photoinitiator, so little or no photoinitiator required when formulating most inks
- Can be used in all flexo units and doctor blade configurations.

Physical Properties

- Viscosity 30 – 35 sec. #3 Zahn
- Appearance Cloudy Liquid
- Solids > 99%

Storage and Handling Information

****As a precaution, reduce the exposure of any light, especially fluorescent light, to LED products, as prolonged exposure can cause polymerization and reduced shelf life.**

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time. When in use, keep covered as much as possible. 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 Material 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, INC., and users should make their own tests to determine the suitability of this product for their own specific purpose. However, because of numerous factors affecting results, KUSTOM SERVICES, INC. makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for specific 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. DATE REVISED: 02/19/2020