



LED Offset Ink Materials

LED Vehicles and Extenders

LED-266 Photoinitiated LED Low Yellowing Extender for Paper: LED-266 is an “all-in-one” “workhorse” extender for LED-curable lithographic inks. LED-266 exhibits high performance, excellent litho properties and fast cure. LED-266 is formulated with a unique, very potent, LED specific P.I. package. Depending on the press setup, additional P.I. maybe needed. Variables such as lamp wattage, press speed, the distance of the gap between lamp and substrate, all can affect LED cure. Typical applications include paper and paperboard substrates.

- Tack: 11 – 12 @400rpm/1'
- Viscosity: 600 – 800 Poise

LED-263 LED Fast Cure P.I. Free Extender for Paper: Formulated specifically for hard to cure LED applications. LED-263 exhibits excellent litho properties. Ideal choice for black ink or other darker, hard to cure inks. LED-263 does **NOT** contain photoinitiator.

- 25.0-27.0 @400rpm/1'
- Viscosity: 1000 – 1500 Poise

KS-386 UV/LED Fast Cure Litho Gel Vehicle: KS-386 is recommended as a gel letback vehicle for UV-curable lithographic inks where high performance and sharp printing are desired. Typical applications include commercial sheetfed and folding carton work on paper, paperboard and other substrates.

- Tack: 23.0 – 26.0 @ 400 rpm/1'
- Viscosity: 600 – 800 Poise
- Yield Value: 6000 – 8000 dynes/cm²

KS-357 Highly Functional Urethane Vehicle: KS-357 is recommended as an additive to increase cure speed and hardness without additional photoinitiator. KS-357 has an excellent combination of cure and flexibility.

- Tack: 13 – 15 @ 400 rpm/1'
- Viscosity: 400 – 600 Poise
- Yield: 4200 – 5200 dynes/cm²

Liquid LED Photoinitiators

LED-256 LED Liquid Photoinitiator Blend: LED-256 is a unique liquid LED photoinitiator easily incorporated into flexo or offset ink formulas for maximum top and through cure for various lamp settings. Recommended dosage of 6-12% is typical but may vary depending on the ink.

LED-257 LED Gelled Liquid Photoinitiator Blend: LED-257 is unique gelled LED photoinitiator ideal for LED and H-UV offset litho inks. It is easily incorporated into offset or flexo ink formulas and gives maximum top and through cure at various lamp settings. Recommended dosage of 6-12% is typical but may vary depending on the ink.

LED-265 LED Liquid Photoinitiator for White Inks: LED-265 is a unique liquid LED photoinitiator easily incorporated into flexo or offset ink formulas including LED white ink, as well as overprints and coatings for maximum through cure for various lamp settings. Recommended dosage of 6 -12% is typical but may vary depending on ink or coating. offset ink formulas for maximum top and through cure for various lamp settings. Recommended dosage of 6-12% is typical but may vary depending on the ink.