



UV LED-PP, PE INK (LEDPE)

Main Characteristics

Finish

Gloss

Ink Type

UV LED Curing

Curing

- Curing by UV LED Lamp at 4 W/cm² or more
- Wavelength 395-405 nm
- Distance between substrate and UV LED Lamp is 4-6 millimeter

Thinning

- 5-10% Thinner 2000

Cleaning

- Cleaner 2940
- For heavy ink stains, Screensolve (SSO038) can be used.

Mesh

- P140-34 to P180-34 Monofilament

Stencil Type

- All solvent-resistant direct Emulsion photo-stencils

Recommended Emulsion

- FG226 Polyzol Plus S
- U017 Diazol Plus Ultra

Coverage & Mesh No.

- 80-90 m²/Kg (P180-34 Monofilament)

Application

- Pretreated PP, PE

Important

- Stir well before use.
- It is advisable that the ink be tested fully prior to printing.

Colours Range

15 Colours : 2 Standard, 9 CMS colours and 4 trichromatic colours.

Features

- Pretreated Polypropylene (PP) and Polyethylene (PE).
- Excellent adhesion.
- Smooth surface with good film strength.
- Excellent chemical resistance.

Available Colours

Standard Colours

LEDPE100 Black

LEDPE200 White

LEDPE090 Extender Base Clear

CMS Base Colours

LEDPE320 Yellow GS

LEDPE500 Red YS

LEDPE560 Magenta

LEDPE600 Blue

LEDPE340 Yellow RS

LEDPE550 Red BS

LEDPE590 Violet

LEDPE700 Green

LEDPE407 Orange

Trichromatic Colours

LEDPE110 Trichromatic Black

LEDPE310 Trichromatic Yellow

LEDPE510 Trichromatic Magenta

LEDPE610 Trichromatic Cyan

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Standard Packing

1 Kg container.

Safety and Handling

- All colours comply with the following standard : EN71-3, Standard of The European Economic Community and Part1303, Title16, Code of Federal Regulation of U.S.A.
- Whilst working with the ink, the consumption of food and drink, and smoking are not recommended.
- LEDPE ink should be used with care. Wear suitable PPE, for example, appropriate gloves and safety glasses.
- Comprehensive information on **the safety and handling of LEDPE ink** in Safety Data Sheet, available on request.

Storage

- Storage temperature should not be over 25 °C. It should be stored in a dry location with good ventilation and away from heat or ignition sources.
- When stored under these conditions, It is expected to have a shelf-life of 12 months from the date of manufacture.
- Close the bottle tightly after every use.

Certified Standards

- LEDPE ink is made by Kulwong Co., Ltd. with ISO 9001/ISO 14001/BS OHSAS 18001 & TIS 18001 Certified by TUV NORD (Thailand) Ltd.



LEDPE 3-2101