

Technical Data Sheet for UV LED Curable inkjet ink

Overview:

The UV LED curable inkjet ink is generally formulated and designed for industrial print-head. It is environment friendly and contains no hazardous materials. The ink will take superior printing quality and more brilliant, vivid color by using ICC color management technology. And it is widely applied on soft and vary hard materials, including leather, metals, glass ,vehicle wrap, soft plastic film etc.

Chemical Components:

Organic pigment, Acrylate monomer, Acrylate oligomer, Photoinitiator, Additive.

Physical and Chemical Properties:

- Viscosity(mPa.s): $17.0 \pm 1.0(25^{\circ}\text{C})$
- Surface Tension(mN/m): $23.0 \pm 2.0(25^{\circ}\text{C})$
- Gravity: 1.08 ± 0.030

Application Features:

- Generally suitable to use for industrial print-head
- Curable condition: LED UV lamp 395nm
- Substrates: soft materials, including leather, metals, glass ,vehicle wrap, soft plastic film etc.

Ink Changeover

It is essential that the ink supply system be flushed by matched flush solution thoroughly prior to installation series of ink. Failure to perform the cleaning process may result in print-head blockages and inferior print quality.

Storage/Shelf Life

Ink should be stored in the black, closed container. Avoid direct sunshine.

The UV LED curable inkjet ink has a shelf life of 12 months.

Safety and Operation:

Detailed information please refer to MSDS.

