

Kao Collins Inc.

PUK292750

UV Standard Black Adhesion to plastics

PUK292750 UV Standard Black is formulated for use in Piezo DOD printheads. It is designed for adhesion to a range of plastics such as PVC, PE, and PP with adequate surface treatment. One major use is high speed card printing with variable data. Other applications include coated paper, board and metals.

Ink Features

- Fluid base: UV curable
- Colorant: Pigment
- Flash Point: > 95°C
- Shipping info: Non-Hazardous
- Shelf-life: 1 year

Printhead

- Print heads: KM1024(i), Xaar 1001, Various Dimatix printheads³
- Jetting temperature: 40 – 45 °C

Recommended Use

- **H Bulb:** Cure with undoped, medium pressure mercury lamp; Cure dose: 200 mJ/cm²
- **D Bulb:** Cure with iron-doped mercury lamp; Cure dose: 200mJ/cm²
- **LED Bulb:** Curable at 395nm.; Minimum peak intensity is 8W/cm²
- Using the proper degassing unit is highly recommended²

Storage & Packaging

- Storage conditions: 15° – 35°C, 20 – 80% relative humidity, non-condensing
- Most popular packaging:
81W – 1 liter (white narrow mouth bottle)
81F – 1 liter (black bottle with handle) Other packaging also available
- Flush solution:PUW9090

Notes:

¹The dose will vary depending upon the ink film thickness and lamp irradiance.

²Please contact technical support for any further questions.

³Check with technical support for printhead model compatibility