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## Technical Data Sheet

### Description

The Inksupply.com K4 inks are a direct replacement for the Epson K3 UltraChrome inks. Our K4 inks feature the widest color gamut available, excellent light fastness, vivid - stable colors, and intense saturation. They have been extensively tested and scientifically formulated to provide longevity, durability and water-resistance.

### Identification Information

Product Name:	K4 Matte Black
Product Type:	100% Pigment
Product Color:	Black

### Typical Properties

Property	Observation
Product Name:	K4 Matte Black
Appearance:	Black Liquid
Odor:	Slight ammonia
pH:	9.0
pH Stability:	7.0 – 9.0
Surface Tension (dynes/cm):	23.5
Viscosity (cP):	2.7
Pigment Solid Content:	3.8%
Avg. Particle Size (nm):	<120
100% Particle Less Than (nm):	<500
Light Fastness (BWS):	8
Metallic Impurities (ppm):	<15
Freezing Point:	<0C (32F)
Boiling Point:	>100C (212F)
Shelf Life:	12-24 months
Storage (Celsius / Fahrenheit):	12C/55F – 23C/74F

### Features

- Chemically compatible with Epson UltraChrome and K3 inks.
- Improved dot gain, color density, and gamut.
- Superior flow and reduced clogging over OEM and Aftermarket inks.
- Fast dry time.
- High water resistance.
- 100% pigment inks with 0% dye content.

### Manufacturing

- Inksupply.com inks are proudly produced and bottled in the USA.
- Inksupply.com inks are produced with only the highest quality chemicals sourced from USA and UK suppliers, with a minimum of 99.6% purity.
- Water is generated in our manufacturing facility through a custom reverse osmosis and deionization system to keep a TDS of less than 2ppm.
- Final ink filtration is obtained through 0.45um polypropylene depth filters to ensure clog free operation.
- Inksupply.com uses small batch production to ensure batch consistency and minimize time from batch production to customer's hands.

### Standard Packaging

- 60mL (2oz) Bottle
- 120mL (4oz) Bottle
- 480mL (16.2oz) Bottle
- 3785mL (1 Gallon) Bottle
- 16L (4.22 Gallon) Carboy\*
- 54L (14.4 Gallon) Barrel\*

\*Call For 16L and 54L quantities.

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