

**Diamond Dispersions™ D80K**

Aqueous Black Pigment Dispersion

Diamond D80K utilises a non-polymeric, anionic dispersing technology. It offers high optical density and superb printability and, having been stabilised utilising Diamond's dispersing technology, this dispersion has wide thermal stability and is easy to formulate into inks suitable for a number of different inkjet printing applications. Typical applications include; inks for desktop, inks for textiles (DTG, DTF, RTR), and inks for thermal printheads.

**FEATURES AND BENEFITS**

- Durable
- Easy to formulate
- High Optical Density
- Ideal for inkjet print applications
- Light Fastness
- Printability
- Stable Dispersion
- Vibrant colors

**CHARACTERISTICS**

Characteristic Name	Value
Appearance	Black liquid
Average mean particle size (nm)	<120
Brookfield Viscosity (cps)	<10
CI Reference	Carbon Black
pH	6.0 - 7.5
Pigment solids content (%)	15 ±0.5
Surface Tension at 25°C (mN/m)	65 - 72

**APPLICATIONS**

- Digital Printing Inks

**AVAILABLE REGIONS**

- Asia Pacific
- EMEA
- Latin America
- North America

## RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 730 days. See SDS for storage conditions and handling instructions.

## REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizol.com/coatings](http://www.lubrizol.com/coatings).

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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