

Diamond Dispersions™ HSDR1

Aqueous Red Pigment Dispersion

Based on Lubrizol's proprietary HSD dispersion technology, Diamond HSDR1 provides un-matched ink stability, print performance and colour fastness properties in a wide range of ink formulations and end applications. Typical applications include; inks for textiles (DTG, DTF & RTR), inks for commercial print and desktop applications, and inks for Decor applications.

FEATURES AND BENEFITS

- Durable
- Easy to formulate
- High Optical Density
- Ideal for fabric applications including synthetics
- Light Fastness
- Printability
- Stable Dispersion
- Vibrant colors

CHARACTERISTICS

Characteristic Name	Value
Appearance	Red Liquid
Average mean particle size (nm)	120nm
Brookfield Viscosity (cps)	<15 cP
CI Reference	PR254
pH	8.0 - 9.0
Pigment solids content (%)	13 - 15
Surface Tension at 25°C (mN/m)	45 - 55

APPLICATIONS

- Digital Printing Inks

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 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.

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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