

Diamond Dispersions™ DSB Color Dispersion

Navy Blue Disperse Dye Aqueous Dispersion

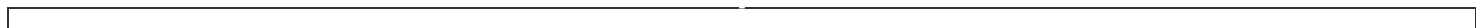
Based on the high quality inkjet grade dye DISPERSE BLUE 360, DSB provides the basis for a world class intense black when blended with other products from the Diamond range. Having been stabilised utilising Diamond’s dispersing technology, this tried and tested dispersion is also extremely stable and easy to formulate. Typical applications include; sublimation inks for polyester, direct to fabric inks for polyester and poly/cotton blends

FEATURES AND BENEFITS

- Colloidal Stability
- Crock Resistance
- Easy to formulate
- Elastic
- Flexible
- Heat Stability
- High Optical Density
- High Print Quality
- Ideal for fabric applications including synthetics
- Ideal for inkjet print applications
- Ideal for Water Based Dye
- Light Fastness
- Light Stability
- Long-lasting colors
- Non-Bleed
- Oekotex Tested
- Oil Resistance
- Permeable
- Printability
- Ready to Use
- Rub Resistance
- Stable Dispersion
- Thermal Stability
- UV Resistance
- Vibrant colors

CHARACTERISTICS

Characteristic Name	Value
100% Particles less than (nm)	<500
Appearance	Blue liquid
Average mean particle size (nm)	<150
CI Reference	Disperse Blue 360
Conductivity at 25°C (µS)	<1500
Lightfastness (blue wool scale)	5-6
Solids (wt %)	16 ±0.5
Surface Tension at 25°C (mN/m)	34 - 44



Characteristic Name	Value
Viscosity (mPas) at 25°C & 60 rpm	<10
pH	6.0 - 8.0

REGULATORY

- ADH-Free¹
- APEO-Free¹
- Ammonia-Free¹
- DecaBDE Free¹
- Formaldehyde-Free¹
- Halogen-Free¹
- Low PFOA²
- Low VOC⁴
- NEP-Free
- NMP-Free¹
- PTFE-Free¹
- TEA-Free¹

¹Not intentionally added to the composition of this product

²Not intentionally added nor expected to be present above limit values specified in Annex I of Regulation (EU) 2019/1021 adding PFOA, its salts and related substances under the Stockholm Convention on POPs effective July 4th 2020.

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Apparel Coatings
- Custom Textile Formulations
- Digital Printing Inks
- Particle Dispersions
- Technical Textile Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

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:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

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