

Lubrijet™ N440

Waterborne Polyurethane Dispersion

Lubrijet™ N440 is an anionically stabilised aliphatic polyurethane dispersion suitable for the formulation of water based pigmented inkjet inks. It has been shown to have excellent adhesion to vinyl, metal, paper and plastic substrates. Its small particle size distribution makes it suitable for jetting applications either as an ink binder or in specific primer and pre-coat applications. Typical applications for the product are binders for digital inks and primers. It features a narrow particle size distribution for reliable jetting.

FEATURES AND BENEFITS

- Adhesion
- Chemical Resistance
- Glossy
- UV Resistance

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	32.2 - 34.3
Appearance	Light translucent
Brookfield Viscosity (cps)	< 100
Elongation (%)	285 (at break)
Mean Particle Size (nm)	40 - 70
pH Value	7.7 - 9.7
Tensile (psi or Mpa)	5,000

REGULATORY

- EU 10/2011
- FDA
- Swiss Ordinance (Annex 10 to the Ordinance)

APPLICATIONS

- Digital Printing Coatings
- 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:

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

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

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