

Description

Novaspers LD7 is a non-ionic wax emulsion based on an oxidized low density polyethylene wax.

Intended Applications

Novaspers LD7 is designed to enhance scratch, abrasion and scuff resistance in water based ink and coating formulations.

It is also suitable as a softener for textiles. Besides a soft handle, Novaspers LD7 also improves the sewability and abrasion resistance. Due to the non-ionic emulsification system, it is compatible with most commonly used finishing products over a wide pH range.

Usage Recommendation

Novaspers LD7 may be used at addition levels of between 3 and 8% in ink and coating formulations in order to achieve the desired effect. Formulation stability should be checked at lab scale before commercial use.

For textiles applications Novaspers LD7 is applied by padding if used on its own. Recommended dosage levels are 15-50 g/L. If it is used as an additive it should be added to the formulation whilst stirring and is typically used at addition levels of between 5 and 15% to achieve the desired performance.

Property	Target Value
Solids content (%)	40%
pH	8.0
Appearance	Yellowish liquid
Viscosity (mPa.s @ 23°C)	150

Storage & Shelf Life

Novaspers LD7 is delivered in 150 litre drums or 1000 litre IBC's.

Novaspers LD7 exhibits good shelf-life stability of at least 12 months. Since this is an aqueous dispersion, the product should be stored under cool but frost-free conditions (between 5°C and 25°C) out of direct sunlight. Stock rotation should be practised and stirring is advised before use.

Safety

Material Safety Data Sheets are available for all Novaspers products. Please contact our technical service personnel for the latest version. Our Material Safety Data Sheets contain important information that you might need to protect your employees against any known health and safety hazards.

Disclaimer

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