

LENOLUBE™ N-3086

LENOLUBE N-3086 offers on all systems maximum processability particularly on polyesters and blends thereof.

SPECIFICATIONS

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| Appearance | - Clear, slightly yellow liquid |
| Solubility | - Stable, milky emulsion (10%) |
| pH (2% sol'n) | - 6.0 +- 0.3 |
| Density | - 7.5 lbs/gal |
| Flash Point | - 365°F (open cup) |
| Congealing Characteristics | - 43°F - Pour point at 6°F; Product will show thickening slow haze. |
| Ionic Charge | - Nonionic |

On usage, **LENOLUBE N-3086** offers:

- Less fuzzy yarn, less chance of thick and thins, and consequently, superior CV ratings
- Minimization of gumming and shedding
- More uniform coiling in the cans without a possibility of flip-flopping of sliver (which can occur with some polyesters)
- Complete static protection
- greater yields
- Excellent scourability
- Will not affect dyeability
- Lower pour point than competitive products
- No deposition in open end or air-jet spinning

LENOLUBE N-3086 has a much lower congealing tolerance than competitive products and may not solidify as some do. This is most important in a reduction of congealing in the pipe lines of emulsion.

APPLICATIONS

LENOLUB N-3086 excels particularly on phosphated slick polyesters and polyester/rayon (VISCOSE) blends, as well as on fire retardant polyesters.

Based on customer usage, we initially recommend anywhere from 0.13% to 0.18% add-on of actual **LENOLUB N-3086** from a 1:5 to a 1:8 cut in water. Moisture used depends on mill humidifications and equipment.

On the following blends, **LENOLUBE N-3086** has proven optimum results, based on customer usage:

- Blends of dyed cotton (as high as 80%) with natural cotton
- 100% natural cotton
- Cotton/flax blends
- Polyester/cotton blends
- Polyester/acrylic blends
- Polyester/rayon blends
- Rayon/flax blends
- DuPont **COOLAX**[®]

The **LENOLUBE N-3086** aids in reducing fly waste, increases yields and strength as processed on ring, open-end or air-jet spinning.

LENOLUBE N-3086 is recommended by DuPont for their **COOLMAX**[®] fiber.

Based on customer usage, we suggest on these blends, a 1:9 cut in water and a 0.7% - 0.15% add-on of actual **LENOLUBE N-3086** initially be tried.

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