

BLUE LAGOON

A stress-free dyeing system for turquoise colors with better application control and easier wash-off, that's also less stress for water reserves

THE ARCHROMA WAY TO A SUSTAINABLE WORLD

BLUE LAGOON / Performance components of the system

Blue Magic

"All-in-one" discontinuous pretreatment

- Less fiber damage
- High degree of whiteness
- The standard rinsing process, which follows bleaching, can be reduced or omitted
- Biodegradable-Free* of APEO (alkylphenol ethoxylates) and phosphorus

Optifix® RUB New liq & Siligen® SIH-S New liq

Finishing for rub fastness improver and elegant hand feel

- Improves the dry and wet rub fastness properties of reactive dyed substrates, especially in deep shades
- Excellent hydrophilicity - soft handle



Drimaren® Ultimate Turquoise HD & Cyclanon® XC-W Plus liq

Combination for high fastness with few finishing baths

- High concentrated version reactive dye
- Less dye and chemicals are required to achieve deep green shades
- High solubility in the presence of salt
- Less spotting tendency
- Fast & efficient removal of hydrolyzed dye
- Lower soaping temperature < 90°C

* Below limits of detection according to industry standard test methods

BLUE LAGOON / Main benefits in a nutshell

- Safe products from a reliable global partner who applies international safety standards
- Increases profitability through lower processing & operating costs
- A short and robust system approach:
 - Less processing problems
 - Improved bath reproducibility
 - High fastness requirements
 - Improved resource optimization in terms of water & energy
 - Shorter production process allows for 145 additional batches/year
- Application of Optifix® RUB New liq improves dry and wet rubbing fastness properties of reactive dyed substrates for brands that demand the highest quality substrates
- Differentiation with improved resource utilization for brands that demand and drive sustainable production

'SAFE' WITH:

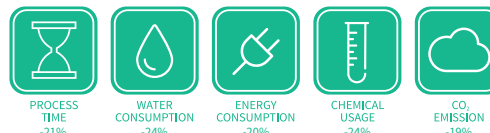
Archroma's BLUE LAGOON



SAFE

'EFFICIENT' WITH:

Archroma's BLUE LAGOON, exhaust system at LR 7.1, compared to benchmark exhaust process for 100% CO substrates at LR 7.1



EFFICIENT

'ENHANCED' WITH:

Archroma's BLUE LAGOON



ENHANCED

CASE STUDY: Vietnam customer, jet dyeing machine

THE ARCHROMA WAY TO A SUSTAINABLE WORLD /

Safe + Efficient + Enhanced = The Ultimate Collection



SAFE – IT'S OUR NATURE TO PROTECT

A solid core: Our deeply rooted goal to protect people and our planet. Safe to use, safe to release and also safe to wear.

EFFICIENT – IT'S OUR NATURE TO RETHINK SUSTAINABLE MANUFACTURING

Innovating application processes that minimize resources and maximize productivity, both in our and our customers' manufacturing as well as by setting ourselves ambitious sustainability goals.

ENHANCED – IT'S OUR NATURE TO ADD ANOTHER LEVEL OF VALUE

Innovation is critical. With it, we create additional effects, functionalities and aesthetics and sustainable differentiation to bring additional value, helping consumers to achieve their goals, for a life enhanced.

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CERTIFIED TO
ISO 9001
ISO 14001
OHSAS 18001

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