

CONSCIOUSLY WOOL

A metal-free coloration system that protects your wool during the dyeing process and is good for you and the planet

THE ARCHROMA WAY TO A SUSTAINABLE WORLD

CONSCIOUSLY WOOL / Performance components of the system

Nylosan® N

Neutral dyeing acid dyes (half milling) with good to excellent combinability and intermediate light and wet fastness properties.

Lyogen® NH liq

Dispersing and levelling agent

- Controls the dyeing rate of the dyes during the heat up process
- Even distribution of the dyes during the migration stage at boiling temperature
- Also suitable for stripping or levelling up of defective dyeing's

Opticid® PSD liq c

Acid buffer for wool, polyamide, Polyester and other fibres

- Adjusts the pH of the dye bath in the required safety region
- Maintains the pH constant during the whole dyeing process
- Is non foaming



CONSCIOUSLY WOOL / Main benefits in a nutshell

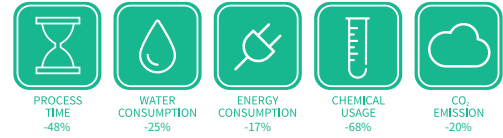
- Safe products from a reliable global partner who applies international safety standards
- Metal-free acid dye range
- Highly efficient coloration process with high build-up
- Massive resource saving
- Wide shade gamut
- Differentiation with improved resource utilization and less pollution for brands that demand and drive sustainable production
- Protecting workers & consumers

'SAFE' WITH:
Archroma's CONSCIOUSLY WOOL system



SAFE

'EFFICIENT' WITH:
Archroma's CONSCIOUSLY WOOL system vs. benchmark acid dyeing



EFFICIENT

'ENHANCED' WITH:
Archroma's CONSCIOUSLY WOOL system



ENHANCED

CASE STUDY: Italian Customer jet Dyeing

* Below limits of detection according to industry standard test methods

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 safe to touch and 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
SE EN ISO 9001:2015
SN EN ISO 14001:2015
SN EN ISO 45001:2018

For additional technical service and/or laboratory assistance, contact your local Archroma representative.

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