

## ONE DENIM

An alternative denim dyeing system that is directly applied on the woven polycotton fabric for increased flexibility & productivity whilst massively saving water and energy

THE ARCHROMA WAY TO A SUSTAINABLE WORLD

## ONE DENIM / Performance components of the system

### Diresul® RDT liq

**Pre-reduced liquid dyestuffs with minimal sulfide content**

- Dye range compliant with the strictest official eco-standards and requirements from retailers and fashion leading companies
- Selection of dyes **Cradle-to-Cradle** Product Innovation Institute's **Platinum Level Material** Health Certificate
- Exclusive selection of blues to obtain **Indigo look**
- Dyes manufactured in Archroma eco-certified plant nearby Barcelona (Spain)



### New! Reducing Agent HP liq

**Sulfide-free reducing agent**

- Good stability
- Suitable for room temperature applications

### Optifix® E50 liq

**Strong bi-cationic fixing agent**

- Improve the color fixation
- Improve washing fastness
- Reduce coloration in wastewater

# ONE DENIM / Main benefits in a nutshell

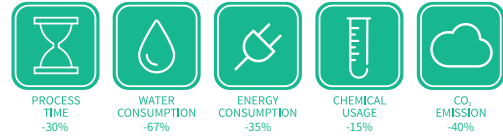
- Safe products from a reliable global partner who applies international safety standards
- Aniline-free\* dyestuffs
- Highly efficient coloration process  
Massive resource saving
- Cleaner and lower wastewater
- Wide shade gamut of medium to very dark shades
- Highly efficient coloration process with high build-up
- Very superficial dye fixation for easy wash-down
- Suitable to increase productivity
- Non animal origin
- Embracing sustainable production & lower impact clothing
- Controlled and safe chemistry for the consumer and the environment

**'SAFE' WITH:**  
Archroma's ONE DENIM system



SAFE

**'EFFICIENT' WITH:**  
Archroma's ONE DENIM system, compared to benchmark denim dyeing



EFFICIENT

**'ENHANCED' WITH:**  
Archroma's ONE DENIM system



ENHANCED

CASE STUDY: Pakistan, Continuous woven machine

\* 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 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.

[www.archroma.com](http://www.archroma.com)

**ARCHROMA MANAGEMENT LLC**  
Brand & Performance Textile Specialties  
Neuhofstrasse 11, 4153 Reinach  
Switzerland

[bptmarketing@archroma.com](mailto:bptmarketing@archroma.com)

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.

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Archroma makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Archroma's products for its particular application. \* Nothing included in this information waives any of Archroma's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Archroma products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Archroma. \*For sales to customers located within the United States and Canada the following applies in addition: NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE.

\* Trademark of Archroma registered in many countries  
© 2022 Archroma