

## KORE BLACK DENIM

A potassium permanganate-free system that produces stylish vintage black jeans that is safer for our planet and workers

System powered by CleanKORE

THE ARCHROMA WAY TO A SUSTAINABLE WORLD

## KORE BLACK DENIM / Performance components of the system

### Diresul® Black RDT liq

#### Low sulfide sulfur black

- Metal-free\*
- **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
- Easy wastewater treatment



### CleanKORE™

#### Patented Ring Dyeing technology allowing:

- High degree of whiteness on the final look with single laser technique
- Permanganate-free\* technique
- No need for laser booster application
- Significant resource saving in laundry process

#### Best-in-class dyeing auxiliaries

**Dekol® 2005 liq** – chelating agent

**Leonil® EHC liq** – wetting & penetrating agent (high stability with sulfur dyes)

**Reducing agent D p** – ecological reducing agent (plant based)

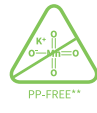
\* Below limits of detection according to industry standard test methods. Not intentionally added

# KORE BLACK DENIM / Main benefits in a nutshell

- Safe products from a reliable global partner who applies international safety standards
- Low sulfide black dyeing
- Patented ring dyeing technology
- Enhances consistency of the dyeing process for premium quality
- Allows elimination of PP thus neutralization in wash-down
- Allows extreme reduction in water consumption in laundry process
- Shorter process timing and possibility to increase production output
- Local washdown effects with top sustainability profile
- Embracing sustainable production & lower impact clothing
- Controlled and safe chemistry for workers & end consumers

## 'SAFE' WITH:

Archroma's KORE BLACK DENIM system



SAFE

## 'EFFICIENT' WITH:

Archroma's KORE BLACK DENIM compared to benchmark black denim dyeing and wash-down laser & PP



EFFICIENT

## 'ENHANCED' WITH:

Archroma's KORE BLACK DENIM system



ENHANCED

\* Complete C2C recipe available under request  
\*\*Potassium Permanganate free

## 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)

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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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