

CIRCLE B(L)ACK

An impressively efficient system for dyeing black knits that allows recycling of the dyebath again and again keeping our waters fresh with zero salt

THE ARCHROMA WAY TO A SUSTAINABLE WORLD

CIRCLE B(L)ACK / Performance components of the system

Diresul® Black RDT

Pre-reduced liquid dyestuffs with minimal sulfide content

- Dye compliant with the strictest official eco-standards and requirements from retailers and fashion leading companies
- Powerful build-up for deep shades
- Local Diresul® Black RDT and global dye manufactured in Archroma's eco-certified plant nearby Barcelona (Spain)
- Local dyestuff available

Lyogen® NH liq

Washing agent

- Fast and efficient removal of the unfixed dyestuff from the fiber
- Less washing baths

Reducing agent D

Reducing agent

- Efficient reducing agent sulfide-free
- High effectiveness under alkaline conditions
- Good stability

Bactosol® SAP

Bio-catalyst

- Fast and efficient removal of peroxide hydroxide
- Less washing baths
- Optimum fastness



CIRCLE B(L)ACK / Main benefits in a nutshell

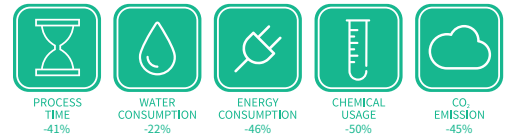
- Safe products from a reliable global partner who applies international safety standards
- REACH registered & compliance with ZDHC and bluesign®
- Free of restricted amines like p-chloroaniline (p-CA)
- Improved resource utilization and higher productivity
- Cost reduction through less chemicals
- Less wastewater generated
- Deep black with high light and perspiration fastness
- Re-use of dye bath for maximum efficiency and sustainability
- Better CO₂ footprint
- Cleaner and lower water usage during production
- Controlled and safe chemistry for workers and the consumer

'SAFE' WITH:
Archroma's CIRCLE B(L)ACK system



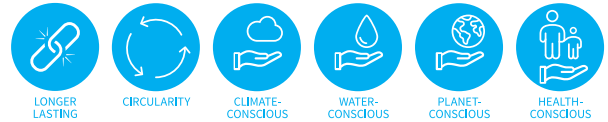
SAFE

'EFFICIENT' WITH:
Archroma's CIRCLE B(L)ACK system compared to benchmark exhaust process for 100% substrates at LR 6.1



EFFICIENT

'ENHANCED' WITH:
Archroma's CIRCLE B(L)ACK system



ENHANCED

CASE STUDY: Indonesian customer, jet dyeing machine, 100% cotton knit, LR 6:1

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

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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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