

## ROYAL SUPREME

A royal blue coloration system for a simpler and more controlled process, with less resources and without the supply surprise!

THE ARCHROMA WAY TO A SUSTAINABLE WORLD

## ROYAL SUPREME / 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 Sapphire HD & Cyclanon® XC-W Plus liq

#### Combination for high fastness with few finishing baths

- The deepest royal blue shades without compromise on brilliance
- Less dye and chemicals are required to achieve royal blue shades
- Less precipitation
- Less spotting tendency
- Fast & efficient removal of hydrolyzed dye
- Lower soaping temperature < 90°C

\* Below limits of detection according to industry standard test methods

# ROYAL SUPREME / Main benefits in a nutshell

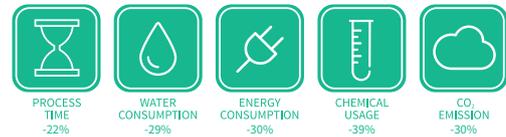
- Safe products from a reliable global partner who applies international safety standards
- Increases profitability through lower processing & operating costs
- A short and robust system approach:
  - Right-first-time productivity
  - Improved fabric quality. Less pilling due to reduced mechanical abrasion
  - Improved resource optimization in terms of water & energy
  - Shorter production process allows for 145 additional batches/year
- Differentiation with improved resource utilization for brands that demand and drive sustainable production

**'SAFE' WITH:**  
Archroma's ROYAL SUPREME



SAFE

**'EFFICIENT' WITH:**  
Archroma's ROYAL SUPREME, exhaust system at LR 6.1, compared to benchmark exhaust process for 100% CO substrates at LR 6.1



EFFICIENT

**'ENHANCED' WITH:**  
Archroma's ROYAL SUPREME



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.

[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  
ISO 9001  
ISO 14001  
OHSAS 18001

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  
© 2020 Archroma