



**PASSION FOR CARPETS
& FLOOR COVERINGS** / Best-in-class system solutions





/How do we bring **best-in-class** expertise, sustainability and performance to **carpets?**

CREATING SUSTAINABLE SOLUTIONS

At Archroma, we continuously challenge the status quo in the deep belief that we can make our industry sustainable.

Archroma is committed to developing innovative products and processes that are safer for the consumer and for the environment. We strongly believe, based on our extensive experience in textile processing, that sustainability can generate innovation, performance and often lead to cost reductions and added value for our customers. For this reason, our clear ambition is to offer our customers the best possible system for their textile segments.

Innovation is a core competence of Archroma, which ensures that our products and services meet future demands, foster future technologies and contribute to a more sustainable textile industry.

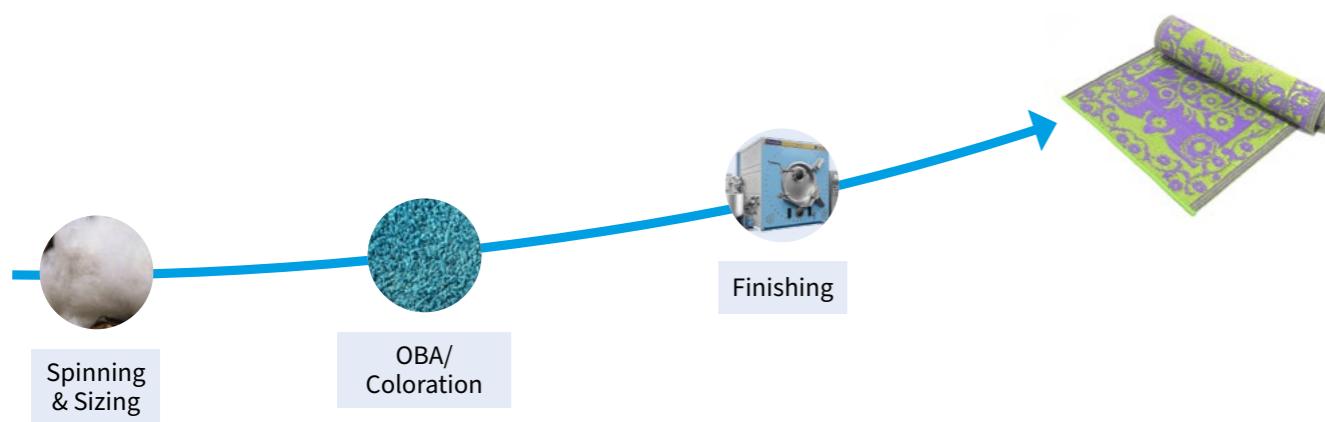
As a global leader in color and specialty chemicals with a trusted heritage, we offer bespoke product solution systems and innovations. We strive to be a reliable partner for textile mills as well as major retailers and brands for the whole textile chain – **from the first idea to the final article.**

Brand owners and retailers around the world are taking action to evaluate the environmental impact of textile treatment, dyeing and finishing processes in response to consumer concerns. We can support textile manufacturers with this. Our exclusive Archroma Process Simulator can be used to simulate and compare products and processes, and thus calculate the ecological and economical profile of the final end-product.

ABOUT US

Archroma is a **global color and specialty chemicals** company committed to innovation, world-class quality standards, high service levels, cost-efficiency and sustainability.

From fiber to finish, Archroma plays a key role throughout the entire textile supply chain, with special system solutions for spinning, sizing, pretreatment, optical brighteners, dyeing, printing and finishing.



Archroma has specialized Competence Centers bringing to our customers:

- A hub of knowledge, R&D, expertise, technology and creativity support;
- A wide range of testing and consulting services in the **synthetics & wool, carpets, cellulosics, printing, finishing & denim segments**;
- A complete system offering, thanks to our unique combination of expertise in spinning, pretreatment, coloration, as well as finishing;
- Access to global and regional knowledge and expert network for seamless support in global supply chain management;
- Powerful training centers for our affiliates, partners and customers.

At Archroma, we continuously challenge the status quo in the deep belief that we can make our industry sustainable.

The majority of Archroma's products are certified by some of the most important eco-standards, such as:

- bluesign®
- Oeko-Tex®
- GOTS
- ZDHC
- REACH
- EU Ecolabel
- C2C
- RSL
- MRSI

SPINNING & SIZING

Flexibility on demand

At the beginning of the textile chain, Archroma's spin finishes provide outstanding processing performance to all kinds of filaments and fibers. We combine our chemistry knowledge and yarn manufacturing

experience to develop our high performance and innovative **spin finishes and sizing systems**, aimed at addressing the specific demands of our customers.

Archroma's spinning agents

- Spin finish **Afilan®**
- Softener, lubricant and antistatic **Leomin®**

Archroma's sizing agents

- Sizing **Arkofil®**
- Additives **Trefix®**

BEST-IN-CLASS WHITES

A heritage of performance

With Archroma's **optical brightening agent systems**, you will be able to get the whiteness and the shade that you need, with high fastness level.

Archroma's optical brightening agents

- OBA for cellulose (CEL)
Leucophor® BSB liq (neutral bluish white)
Leucophor® BSSB liq (bluish white)
Leucophor® PC new liq (neutral reddish white)
- OBA for polyester (PES)
Ultraphor® HF liq (neutral white)
Ultraphor® HFN liq (violet shade)
Ultraphor® ERE liq (neutral reddish)
- OBA for polyamide (PA) or wool
Ultraphor® PN liq (neutral white)
Ultraphor® PNB liq (bluish shade)
Ultraphor® PWC liq (neutral reddish)
- OBA for polyacrylonitrile (PAN)
Ultraphor® ACK liq (neutral white)
Ultraphor® ACKN liq (bluish shade)

COLORATION

1. POLYAMIDE

1.1 DYEING

Polyamide revolutionized the carpet industry and provides excellent durability and flexibility.

Archroma is a recognized leader in **integrated solutions for coloration**. Our portfolio includes systems designed to answer the specific requirements for all types of fiber goods.

Archroma's dyestuffs selection for exhaust, continuous dyeing, and direct print

Nylosan® E	Nylosan® N	Lanasyn® S & SD
<ul style="list-style-type: none">Metal free* elementsMigrating acid dyes with good levelling behaviorHigh light fastness	<ul style="list-style-type: none">Metal free* elementsNeutral dyeing acid dyes with good combinability	<ul style="list-style-type: none">Metal complex elementsLanasyn® S mono-sulphonated dyesLanasyn® SD di-sulphonated dyesGood light and very good wet fastness
Standard combination ● Nylosan® Yellow E-2RL ● Nylosan® Red E-BNLC ● Nylosan® Blue E-BGL 200	Standard combination ● Nylosan® Yellow N-3RL ● Nylosan® Red N-2RBL ● Nylosan® Blue N-BLN	Standard combination ● Lanasyn® Yellow S-2GL ● Lanasyn® Red S-GA ● Lanasyn® Black S-GL
Additional elements ● Nylosan® Yellow E-4G 200 ● Nylosan® Violet E-2R 300 ● Nylosan® Blue E-2R 200 ● Nylosan® Blue E-2GL 200	Additional elements ● Nylosan® Yellow N-4GL ● Nylosan® Orange N-RL 250 ● Nylosan® Brill Blue N-FLB 180 ● Nylosan® Blue N-2RLA ● Nylosan® Blue N-5GL 200 ● Nylosan® Navy N-RBL 220 ● Nylosan® Green N-GL	Additional elements ● Lanasyn® Dark Brown S-GLN ● Lanasyn® Navy S-BLA ● Lanasyn® Navy SD-NL ● Lanasyn® Black SD-L 170

Archroma's dyestuffs for polyamide differential dyeing

Differential coloration needs flair. For these cases, Archroma offers contrast dyes, which increase the depth of shade on the deep dyeable fibers, but only have a minimal influence on the regular, low and basic dyeable fibers, often used in differential-carpet constitutions.

Nylosan® E
● Nylosan® Yellow E-2RL ● Nylosan® Red E-BNLC ● Nylosan® Blue E-BGL 200
Contrast dyes
● Nylosan® Yellow S-L ● Nylosan® Red F-4BL ● Nylosan® Blue F-L 150

1.2 DISPLACE & RESERVE COLORATION

Nylosan® N-P is a unique dyestuff range! Metal free* dyes for the displace/reserve technique. This technique produces sharp, vivid and/or light print designs in combination with dark ground shades and a good fixation behavior which result in high wet fastness.

Metal-free dyestuffs potentially allows **fiber recycling or ecologically** more acceptable carpet disposal. No heavy-metal load of all wastes.

Archroma's displace & reserve coloration metal free* dyestuffs

Metal free* dyes		
Standard combination elements for ground shades	Additional bright elements	Standard combination elements for prints
● Nylosan® Yellow N-PC ● Nylosan® Red N-PB ● Nylosan® Blue N-P	● Nylosan® Yellow F-7GL ● Nylosan® Red S-L ● Nylosan® Red S-GS ● Nylosan® Red F-4BL ● Nylosan® Violet F-BL 180 ● Nylosan® Blue F-2RFL 160 ● Nylosan® Brill Green F-6GLN	● Nylosan® Yellow E-2RL ● Nylosan® Red E-BNLC ● Nylosan® Violet E-2R 300 ● Nylosan® Blue E-2R 200 ● Nylosan® Blue E-BGL 200 ● Nylosan® Blue E-2GL 200

*below limits of detection according to industry standard test methods

Archroma's dyeing auxiliaries for displace print

GROUND DYEING WITH PADDER (PICK-UP MAX: 100%)
<ul style="list-style-type: none">Acid buffer Opticid® PB liqLevelling Lyogen® PAM liq Lyogen® NH liq
<ul style="list-style-type: none">Levelling Lyogen® NH liqAcid donor Opticid® VS liq c

PRINT RECOMMENDATION

<ul style="list-style-type: none">Antifoam Antimussol® HT2S liqAcid donor Opticid® VS liq c Opticid® VAN liq cAcid buffer Opticid® PB liq Opticid® PSD liq c	<ul style="list-style-type: none">Displace Thiotan® TRN liqRepeat controller Cartax® DP liq
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PRINT RECOMMENDATION

<ul style="list-style-type: none">Antifoam Antimussol® HT2S liqAcid buffer Opticid® PB liq	<ul style="list-style-type: none">Wetting, antifrosting Lyogen® WAFN liqRepeat controller Cartax® DP liq
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Archroma's dyeing auxiliaries for reserve print

PRINT RECOMMENDATION
<ul style="list-style-type: none">Antifoam Antimussol® HT2S liqAcid buffer Opticid® PB liq
<ul style="list-style-type: none">Repeat controller Cartax® DP liq

GROUND DYEING WITH APPLICATOR (PICK-UP 200%-300%)
<ul style="list-style-type: none">Acid buffer Opticid® PB liq
<ul style="list-style-type: none">Wetting, antifrosting Lyogen® WAFN liq



1.3 JET PRINT

Jet-print is a printing system using computer controlled high speed valves and is revolutionary in its ability to create unlimited pattern repeats. Deepest color penetration and excellent print definition are achieved by optimizing the use of electronics,

mechanics and chemistry. In this regard the following dyestuff selection shows the highest wet and light fastness possibilities and is therefore suitable for domestic and contract qualities. The compact range covers the whole shade area from brilliant to black.

Archroma's dyestuffs for jet-print

Metal free*, high fastness level	Metal free*, levelling	Metal complex dyes
Standard combination	Standard combination	Standard combination
● Nylosan® Yellow F-7GL ● Nylosan® Scarlet F-3GL 130 ● Nylosan® Red F-4BL ● Nylosan® Red F-5B 150 ● Nylosan® Green F-BLN ● Nylosan® Brill Green F-6GLN ● Nylosan® Blue F-2RFL 160 ● Nylosan® Blue N-5GL 200	● Nylosan® Yellow E-2RL ● Nylosan® Red E-BNLC ● Nylosan® Blue E-BGL 200	● Lanasyn® Yellow S-2GL ● Lanasyn® Red S-GA ● Lanasyn® Black S-GL
Additional elements	Additional elements	Additional elements
● Nylosan® Yellow S-L ● Nylosan® Orange S-3R	● Nylosan® Yellow E-4G 200 ● Nylosan® Violet E-2R 300 ● Nylosan® Blue E-2R 200	● Lanasyn® Dark Brown S-GLN ● Lanasyn® Navy S-BLA ● Lanasyn® Navy SD-NL ● Lanasyn® Black SD-L 170

*below limits of detection according to industry standard test methods

Archroma's dyeing auxiliaries for jet-print

• Acid buffer Opticid® PB liq	• Levelling Lyogen® WAFN liq
• Antifoam Antimussol® HT2S liq	• Thickener Lutexal® GP Eco p



1.4 AUTOMOTIVE

From the coloristic point of view, automotive articles must mainly fulfil the demand of severe hot light fastness and to be free of metamerism.

Archroma's dyestuffs selection for automotive

Metal complex dyes
Standard combination
● Lanasyn® Yellow 4R c ● Lanasyn® Bordeaux RLA c ● Lanasyn® Black S-GL
Additional elements
● Lanasyn® Yellow 2GLN 250 ● Lanasyn® Blue A-GLD 200 ● Lanasyn® Black SD-L 170

Archroma's dyeing auxiliaries for automotive

• Acid buffer Opticid® PB liq	• Anti-frost Lyogen® WAFN liq
• Acid donor Opticid® VAN liq c Opticid® VS liq c	• Levelling Lyogen® NH liq
• Antifoam Antimussol® HT2S liq	• Light fastness improver Fadex® PA liq



Discover Archroma Automotive portfolio & system solutions in our "["Passion for Automotive"](#) brochure.

2. WOOL & WOOL/POLYAMIDE BLENDS

Wool has been woven for centuries into rugs and carpet and is a 100% renewable resource.

In carpet manufacture, unlike many other substrate forms, the determination of levelness is only made when

the final article is made – by which time if it appears unlevel, it is beyond repair and has also undergone many additional expensive operations (e.g. winding, weaving, backing, etc.). The need for different dye classes is born out by the balance between levelling and fastness.

Archroma's dyestuffs selection for exhaust, continuous dyeing, and direct print

Nylosan® E	Nylosan® N	Lanasyn® S & SD
<ul style="list-style-type: none"> Metal free* elements Migrating acid dyes with good levelling behavior High light fastness 	<ul style="list-style-type: none"> Metal free* elements Neutral dyeing acid dyes with good combinability 	<ul style="list-style-type: none"> Metal complex elements Lanasyn® S mono-sulphonated dyes Lanasyn® SD di-sulphonated dyes Good light and very good wet fastness
Standard combination Nylosan® Yellow E-2RL Nylosan® Red E-BNLC Nylosan® Blue E-BGL 200	Standard combination Nylosan® Yellow N-3RL Nylosan® Red N-GRL Nylosan® Blue N-GLN	Standard combination Lanasyn® Yellow S-2GL Lanasyn® Red S-GA Lanasyn® Black S-GL
Additional elements Nylosan® Yellow E-4G 200 Nylosan® Violet E-2R 300 Nylosan® Blue E-2R 200 Nylosan® Blue E-2GL 200	Additional elements Nylosan® Yellow N-4GL Nylosan® Red N-2RBL Nylosan® Brill Blue N-FLB 180 Nylosan® Blue N-2RLA Nylosan® Blue N-5GL 200 Nylosan® Blue N-BLN Nylosan® Navy N-RLD 200 Nylosan® Green N-GL Nylosan® Black N-B	Additional elements Lanasyn® Dark Brown S-GLN Lanasyn® Navy S-BLA Lanasyn® Navy SD-NL Lanasyn® Black SD-L 170

*below limits of detection according to industry standard test methods



Archroma's dyeing auxiliaries for wool & wool/polyamide blends

<ul style="list-style-type: none"> Antifoam Antimussol® HT2S liq Acid donor Opticid® VS liq c Opticid® VAN liq c Acid buffer Opticid® PB liq Opticid® PSD liq c Levelling Lyogen® PAM liq Lyogen® NH liq 	<ul style="list-style-type: none"> Reserve Thiotan® RMFN ECO liq Thickener for jet-print Lutexal® GP Eco p Wetting, antifrosting Lyogen® WAFN liq
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3. SILK

A silk carpet has a rich sheen and a unique luster. Silk has very similar dyeing properties to PA fiber and is generally dyed with acid and metal complex dyes.

Drimaren® K reactive dyes are also used in specific cases such as brilliant dark shades.

Archroma's dyestuffs selection for exhaust dyeing

Nylosan® N	Lanasyn® S & SD	Drimaren® selection
<ul style="list-style-type: none"> Metal free* elements Neutral dyeing acid dyes with good combinability 	<ul style="list-style-type: none"> Metal complex elements Lanasyn® S mono-sulphonated dyes Lanasyn® SD di-sulphonated dyes Good light and very good wet fastness 	<ul style="list-style-type: none"> Metal complex elements Lanasyn® S mono-sulphonated dyes Lanasyn® SD di-sulphonated dyes Good light and very good wet fastness
Standard combination Nylosan® Yellow N-3RL Nylosan® Red N-GRL Nylosan® Blue N-GLN	Standard combination Lanasyn® Yellow S-2GL Lanasyn® Red S-GA Lanasyn® Black S-GL	Drimaren® Yellow K-4G Drimaren® Yellow K-2R Drimaren® Red K-4BL Drimaren® Blue K-2RL Drimaren® Navy HF-GN

*below limits of detection according to industry standard test methods

Archroma's dyeing auxiliaries for silk

<ul style="list-style-type: none"> Antifoam Antimussol® HT2S liq Levelling Lyogen® NH liq Lyogen® PAM liq 	<ul style="list-style-type: none"> Acid donor Opticid® VS liq c Opticid® VAN liq c Acid buffer Opticid® PB liq Opticid® PSD liq c Wetting, antifrosting: Lyogen® WAFN liq
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4. POLYESTER (PET, PTT, PBT, PLA)

Due to the requirements of high fixation at temperatures between 100° and 120°C (and sometimes even up to 130°C) combined with high light fastness and sufficient migration, the selected Foron® E, Foron® E-RD and Dorospers® A dyestuffs fulfil those requirements for

Archroma's disperse dyestuffs selection for exhaust, continuous dyeing, and rotary printing

Disperse dyes for PES carpet processing

- High light fastness

Standard combination

- Dorospers® Yellow A-GLW c
- Foron® Brill Red E-2BL 200
- Foron® Blue E-BL 150

Additional elements

- Foron® Yellow E-RD
- Foron® Red E-RD
- Foron® Blue E-RD

the dyeing of polyester carpets for both exhaust and continuous processing. Furthermore, modern polyester fiber retains its shape well, and it is highly stain resistant making it very easy to clean.

Archroma's dyeing auxiliaries polyester (PES)

- Antifoam
Antimussol® HT2S liq
- Accelerant
Dilatin® POE liq
- Acid buffer
Opticid® PB liq
Opticid® PSD liq c
- Thickener for jet-print
Lutexal® GP ECO p
- Dispersing
Lyocol® RDN liq
- Wetting, antifrosting
Lyogen® WAFN liq
- Levelling
Eganal® X-ACT liq

5. ACRYLIC

Acrylic is a fine, soft and luxurious yarn. This man-made fiber gives the appearance and touch of wool. It dyes well and allows bright colors.

Archroma's dyestuffs for acrylic dyeing

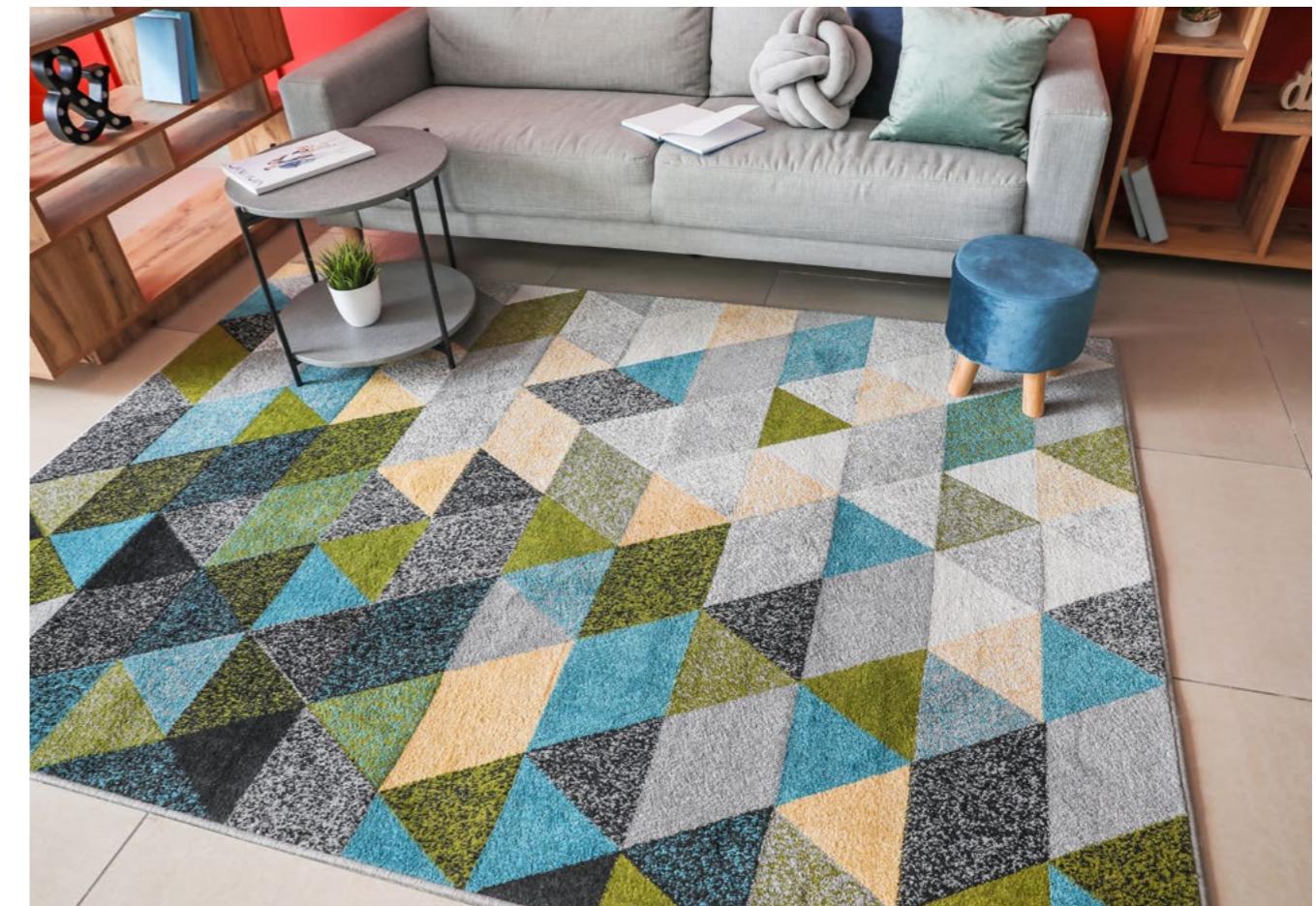
Doracryl®

- Brilliant shades
- Good wet fastness

- Doracryl® Yellow X2GLS 300
- Doracryl® Yellow XGRL 200
- Doracryl® Golden Yellow XGFLS 200
- Doracryl® Red GL 100
- Doracryl® Red XGRSL 200
- Doracryl® Blue X3GLS 300
- Doracryl® Blue XFGRL 200
- Doracryl® Black FBL 200

Archroma's dyeing auxiliaries for acrylic

- Antifoam
Antimussol® HT2S liq
- Washing
Kieralon® F-MFB liq
- Wetting
Ekalin® F liq
Leonil® EHC liq c
- Acid buffer
Opticid® PSD liq c



6. CELLULOSIC FIBERS

6.1 COTTON, VISCOSE

Carpet fibers are most often synthetic, but you can also find them made from cellulosic fibers, which are usually

selected due to its possibility to be washed regularly, providing a very good wet fastness performance.

Archroma's exhaust dyes for cellulose

Drimaren® Ultimate HD/ES reactive dyes

- Dark shades
- High level of dye standardization
- High solubility and solution stability in the dye bath
- Excellent fastness properties
- High build-up, low salt

- Drimaren® Ultimate Yellow HD
- Drimaren® Ultimate Amber HD/ES
- Drimaren® Ultimate Crimson HD-N
- Drimaren® Ultimate Carmine ES
- Drimaren® Ultimate Rubine HD
- Drimaren® Ultimate Dark Blue HD
- Drimaren® Ultimate Navy HD-G
- Drimaren® Ultimate Navy HD-XF
- Drimaren® Ultimate Night Sky HD/ES
- Drimaren® Ultimate Black HD/ES

Drimaren® Ultimate HF reactive dyes selection

- Pale to medium shades
- High light fastness in pastel and earth tone shades

Drimaren® Ultimate Yellow HF-LP

- Drimaren® Ultimate Red HF
- Drimaren® Ultimate Blue HF-RL

Drimaren® K reactive dyes selection

- Suitable for brilliant shades
- High wet fastness

Drimaren® Yellow K-4G

- Drimaren® Orange K-3R
- Drimaren® Red K-4BL
- Drimaren® Red K-8B
- Drimaren® Violet K-2RL

Archroma's auxiliaries for cellulose

Antifoam

Antimussol® UDF liq

Wetting, deaerating

Leonil® EHC liq c

Primasol® NF liq

Lubricant

Imacol® C3G liq

Imacol® X-JET liq

Sequestering

Dekol® 2005 liq c

Dekol® 1097 N liq

Dekol® SN 100 liq c

Washing-off

Cyclanon® XC-W New liq

Ladipur® RSK liq

Multifunctional product

Humectol® C liq hc

Dyestuff protection

Revatol® NS liq c

Levelling

Drimagen® E3R liq

Wet fastness improver

Optifix® RSL liq

Optifix® EC liq

Optifix® F liq

Optifix® E50 liq

Rubbing fastness improver

Optifix® RUB liq

Chlorine fastness improver

Optifix® CLC liq

UV absorber

Rayosan® C pa



Discover Archroma printing portfolio & system solutions in our "Passion for Printing" brochure.

6.2 BAST FIBERS

Archroma's dyestuffs for exhaust & continuous dyeing

Diresul® RDT

- Diresul® Yellow RDT-E liq
- Diresul® Olive Yellow RDT-Y liq
- Diresul® Orange RDT-3G liq
- Diresul® Brown RDT-ZN liq
- Diresul® Brown RDT-ZFW liq
- Diresul® Brown RDT-ZS 150 liq
- Diresul® Brown RDT-R liq
- Diresul® Bordeaux RDT-6R 120 liq
- Diresul® Red RDT-BG liq
- Diresul® Brilliant Green RDT-H liq
- Diresul® Green RDT-N liq
- Diresul® Olive RDT-B 150 liq
- Diresul® Olive RDT-BW 150 liq
- Diresul® Blue RDT-2G 150 liq
- Diresul® Blue RDT-3R 80 liq
- Diresul® Navy RDT-GF 150 liq
- Diresul® Caribbean Blue RDT liq
- Diresul® Pacific Blue RDT liq
- Diresul® Arctic Blue RDT liq
- Diresul® Indiblue RDT-G liq
- Diresul® Indiblue RDT-R liq
- Diresul® Indiblack RDT-2R liq
- Diresul® Indinavy RDT-B liq
- Diresul® Smartdenim Blue liq
- Diresul® Blue Black RDT-2B liq
- Diresul® Black RDT-2KS liq
- Diresul® Fast Black RDT liq
- Diresul® Black RDT-K liq

Archroma's dyeing auxiliaries & softeners

- Reducing
- Reducing Agent DST liq
- Dekol® 2005 liq c
- Dispersing
- Setamol® WS p
- Wetting
- Leonil® EHC liq c
- Softener
- Ceralube® SVN liq

> Spotlight on [SIMPLY THE BAST](#), a coloration system for creating dark shades on coarse fibers with enhanced light fastness, and reduced resources and time

> Spotlight on [LOVE NATURE x EARTHCOLORS](#), a efficient dyeing system based on upcycled plant waste for colors inspired by nature that preserve its precious resources



/ FINISHING

Innovative and tailor-made solutions

At home, at the office, in public areas, hotels, airplanes or cars, carpets and textile ground coverings must fulfill strict requirements for soil release, water repellence, hygiene or wear-resistance whilst meeting the demands of color, design and comfort.

Archroma's system solutions for carpets have been designed to take up the challenge.

Archroma's performance and added value solutions

Protection

- Fluorine free* water repellent
Smartrepel® Hydro
- Repellency & soil release
Nuva® N
- Flame retardant
Pekoflam®
- Yellowing protection
Umidol®
- Antistatic
Elfugin® AKT liq
- Antimicrobial hygiene function
Sanitized®
- Odor neutralization
Sanitized® Odorex (OA10, OX20)

Functional coating

- Water-based solvent-free polymers for dimensional stabilization
Appretan®
Lurapret®
Texapret®

Softening

- Softness improvers
Leomin®
Ceranine®
Ceralube®
Cepreton®

Finishing specialties & additives

- Foaming
Kieralon® SAS 30 liq
Afilan® AS-OS1 liq
Afilan® AO1 liq

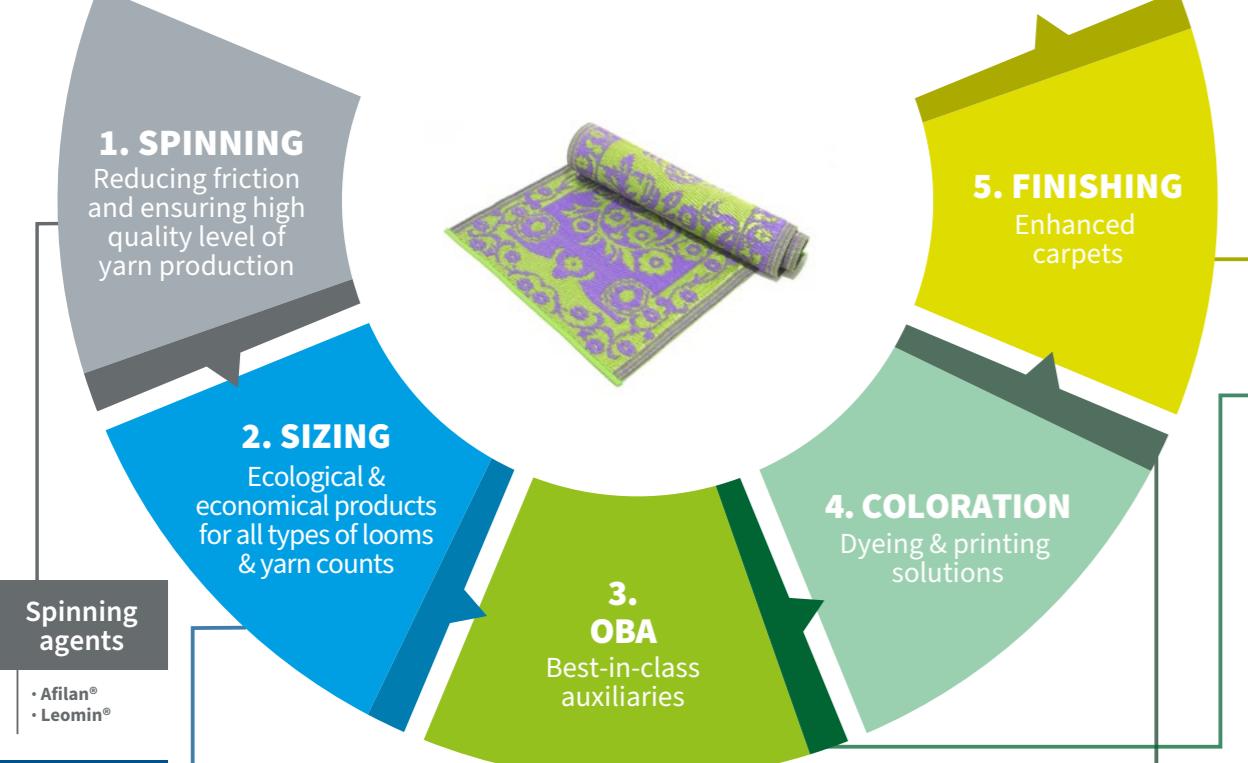
*below limits of detection according to industry standard test methods



/Check our latest updates at
www.carpets.archroma.com

...and discover more about our
SYSTEMS SOLUTIONS for carpet





Spinning agents

- Afilan®
- Leomin®

Sizing agents

- Arkofil®

Additives

- Trefix®

ARCHROMA CARPETS PORTFOLIO

Performance and finishing solutions			
Protection	Functional coating	Softening	Finishing Specialties & Additives
Fluorine free water repellent: <ul style="list-style-type: none"> Smartrepel® Hydro Repellency & soil release: <ul style="list-style-type: none"> Nova® N Flame retardant: <ul style="list-style-type: none"> Pekoflam® Yellowing protection: <ul style="list-style-type: none"> Umidol® Antistatic: <ul style="list-style-type: none"> Elfugin® AKT liq Antimicrobial hygiene function: <ul style="list-style-type: none"> Sanitized® Odor neutralization: <ul style="list-style-type: none"> Sanitized® Odorex (OA10, OX20) 	Water-based solvent-free polymers for dimensional stabilization: <ul style="list-style-type: none"> Appretan® Lurapret® Texapret® 	Softness improvers: <ul style="list-style-type: none"> Leomin® Ceranine® Ceralube® Cepreton® 	Foaming: <ul style="list-style-type: none"> Kieralon® SAS 30 liq Afilan® AS-OS1 liq Afilan® AO1 liq

Global Core

OBA

- | | | | |
|---|---|--|---|
| OBA for CEL: | OBA for PES: | OBA for PA or Wool: | OBA for PAN: |
| <ul style="list-style-type: none"> Leucophor® BSB liq (neutral bluish white) Leucophor® BSB liq (bluish white) Leucophor® PC New liq (neutral reddish white) | <ul style="list-style-type: none"> Ulrophor® HF liq (neutral white) Ulrophor® HFN liq (violet shade) Ulrophor® ERE liq (neutral reddish) | <ul style="list-style-type: none"> Ulrophor® PN liq (neutral white) Ulrophor® PNB liq (bluish shade) Ulrophor® ACKN liq (neutral reddish) | <ul style="list-style-type: none"> Ulrophor® ACK liq (neutral white) Ulrophor® PWC liq (bluish shade) |

POLYAMIDE

DYEING

Dyestuffs

Exhaust, continuous dyeing, and direct print

Nylosan® E

- Metal free* elements
- Migrating acid dyes with good levelling behavior
- High light fastness

Standard combination

• Nylosan® Yellow E-2RL

• Nylosan® Red E-BNL

• Nylosan® Blue E-BGL 200

Additional elements

• Nylosan® Yellow E-4G 200

• Nylosan® Violet E-2R 300

• Nylosan® Blue E-2R 200

• Nylosan® Blue E-2GL 200

Nylosan® N

- Metal free* elements
- Neutral dyeing acid dyes with good combinability

Standard combination

• Nylosan® Yellow N-3RL

• Nylosan® Red N-2RBL

• Nylosan® Blue N-BLN

Additional elements

• Nylosan® Yellow N-4GL

• Nylosan® Orange N-RL 250

• Nylosan® Brill Blue N-FBL 180

• Nylosan® Blue N-2RLA

• Nylosan® Blue N-5GL 200

• Nylosan® Navy N-RBL 220

• Nylosan® Green N-GL

Lanasyn® S & SD

- Metal complex elements
- Lanasyn® S mono-sulphonated dyes
- Lanasyn® SD di-sulphonated dyes
- Good light and very good wet fastness

Standard combination

• Lanasyn® Yellow S-2GL

• Lanasyn® Red S-GA

• Lanasyn® Black S-GL

Additional elements

• Lanasyn® Dark Brown S-GLN

• Lanasyn® Navy S-BLA

• Lanasyn® Navy SD-NL

• Lanasyn® Black SD-L 170

DISPLACE & RESERVE COLORATION

Dyestuffs

Metal free* dyes

Nylosan® E

Standard combination elements for ground shades

• Nylosan® Yellow N-PC

• Nylosan® Red N-PB

• Nylosan® Blue N-BLN

Additional bright elements

• Nylosan® Yellow F-7GL

• Nylosan® Red F-4BL

• Nylosan® Green F-BLN

• Nylosan® Brill Green F-6GLN

Standard combination elements for prints

• Nylosan® Yellow E-2RL

• Nylosan® Red E-BNL

• Nylosan® Blue E-BGL 200

Contrast dyes

• Nylosan® Yellow S-L

• Nylosan® Red F-4BL

• Nylosan® Blue E-BGL 150

Dyeing auxiliaries

Anti foam:

- Antimussol® HT2S liq

Acid donor:

- Opticid® VAN liq c
- Opticid® VS liq c

Acid buffer:

- Opticid® PB liq
- Opticid® PSD liq c

Leveling:

- Lyogen® PM liq

Wetting, antifrosting:

- Lyogen® WAFN liq

Anti foam:

- Antimussol® HT2S liq

Acid donor:

- Opticid® VS liq c

Acid buffer:

- Opticid® PB liq
- Opticid® PSD liq c

Leveling:

- Lyogen® NH liq

Wetting, antifrosting:

- Lyogen® WAFN liq

Anti foam:

- Antimussol® HT2S liq

Acid donor:

- Opticid® VS liq c

Acid buffer:

- Opticid® PB liq

Displace:

- Thiotan® TRN liq

PRINT RECOMMENDATION

Anti foam:

- Antimussol® HT2S liq

Acid buffer:

- Opticid® PB liq

PRINT RECOMMENDATION

Anti foam:

- Antimussol® HT2S liq

Acid buffer:

- Opticid® PB liq

PRINT RECOMMENDATION

Anti foam:

- Antimussol® HT2S liq

Acid buffer:

- Opticid® VS liq c

PRINT RECOMMENDATION

Anti foam:

- Antimussol® HT2S liq

Acid buffer:

- Opticid® PB liq

PRINT RECOMMENDATION

Anti foam:

- Antimussol® HT2S liq

Acid buffer:

- Opticid® VS liq c

PRINT RECOMMENDATION

Anti foam:

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Anti foam:

- Antimussol® HT2S liq

Acid buffer:

- Opticid® VS liq c

PRINT RECOMMENDATION

THE ARCHROMA WAY TO A SUSTAINABLE WORLD

Safe, efficient, enhanced. It's our nature.

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.



Ask your Archroma representatives for additional information on our solution systems

*below limits of detection according to industry standard test methods





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