



BRAND & PERFORMANCE TEXTILE SPECIALTIES

PRODUCTS

FIBER FINISHING & SIZING

PRETREATMENT & OPTICAL BRIGHTENING

PRETREATMENT

OPTICAL BRIGHTENING

DYEING & PRINTING

DYEING

PRINTING

DYEING AUXILIARIES

FINISHING

ANTIMICROBIAL PROTECTION

FLAME RETARDANCE

MOISTURE MANAGEMENT

REPELLENCY & SOIL RELEASE

SHAPING & RESILIENCE

SHRINK RESISTANCE

SOFTNESS & SEWABILITY IMPROVER

SPECIALTIES

STRENGTH & FLEXIBILITY

• FIBER
FINISHING & SIZING



FILAMENT & STAPLE FIBER

Afilan®

Range of spin finish products designed to achieve high lubricity, boundary lubrication, static protection, and permanent surface modification.

Leomin®

Range of softeners, lubricants and antistatic agents especially suited for use in fiber manufacturing and processing.

SIZING

Carboxymethylcellulose

Arkofil® CMC

Sizing agent for cotton, rayon staple and a variety of polyester/cotton blends; for warp size impregnation and dyeing; special sizing agent for corduroy.

Polyvinyl alcohol and copolymers

Arkofil®

Sizing agent with high adhesive power based on polyvinyl alcohol; for spun yarns made of cotton, viscose staple, wool, linen, synthetic fibers and their blends.

Polyacrylates

Arkofil®

Sizing agent with high adhesive power based on polyacrylate; for spun yarns made of cotton, viscose staple, wool, linen, synthetic fibers and their blends.

Polyester resin

Arkofil®

Water-dispersible size for polyester filaments; high resistance against abrasion, not sensitive to climatic changes (no blocking effect). Starch and compounds

Arkofil®

Sizing agents based on starch or optimized blends of ingredients; one shot products, for spun yarns and all kind of their blends.

Additives

Trefix®

Sizing auxiliaries to increase flexibility and smoothness of the sized yarn, as sizing agent or after-wax.

•PRETREATMENT AND
OPTICAL BRIGHTENING

•OPTICAL BRIGHTENING



Optical brightening for polyester

Ultraphor®

Optical brightener for polyester fibers, from reddish through neutral to bluish shades, for use in different processes like continuous or exhaust under low temperature or high temperature conditions.

Optical brightening for polyamide and polyurethane

Ultraphor®

Optical brighteners for polyamide or polyurethane fibers, from reddish through neutral to bluish shades, for use in different processes like continuous or exhaust processes.

Leucophor®

Optical brighteners for polyamide fibers with neutral to reddish shades, preferable for use in thermosol or exhaust processes.

Optical brightening for polyacrylic nitrile

Ultraphor®

Optical brighteners for polyacrylic nitrile fibers, from reddish through neutral to bluish, violet shades, for use in continuous or exhaust processes.

Optical brightening for acetate

Ultraphor®

Optical brighteners for acetate fibers, from neutral reddish to neutral bluish shades, for use in exhaust and thermosol processes.

Optical brightening for wool

Ultraphor® and Leucophor®

Optical brighteners for wool fibers, from neutral reddish to neutral bluish shades, for use in exhaust processes.

Leucophor®

Optical brightener solutions for wool fibers, from lightly reddish to reddish white shades, for use in thermosol process, exhaust processes and continuous processes.

Optical brightening for cellulose

Leucophor®

Optical brightener for cellulose fibers, from reddish through neutral to bluish shade, for use in different processes like continuous, exhaust or during finishing depending on customer requirements.

Optical brightening for plastics

Ultraphor®

Optical brightener for mass brightening of synthetic fibers made from polyester and polyacrylic nitrile and for brightening of plastics such as polyethylene vinylacetate, polyethylene, polypropylene, polymethyl methacrylate, polycarbonate, polyvinyl chloride, polystyrene or polyacryl butadienestyrene.

•PRETREATMENT AND
OPTICAL BRIGHTENING

•PRETREATMENT



Enzyme

Bactosol®

Our enzymes for starch removal , peroxide removal, bio-polish, bio-washing, denim washing and bio-scouring cover wide ranges of operating conditions and offer a solution to your needs in an eco-friendlier way.

Surfactants

Kieralon®

Non-ionic and anionic surfactants with wetting and detergent properties optimized for continuous applications.

Imerol®

Non-ionic and anionic surfactants with wetting and detergent properties optimized for discontinuous (exhaust) applications.

Mercerizing

Mercerol®

Mercerizing auxiliaries with low-foaming properties, improving drastically the mercerizing effect. Suitable also for lye-recovery systems.

Sequestering and neutralizing agents

Sirrix® and Lufibrol®

Complete range of high performance sequestering agents (calcium, iron, copper, etc.), neutralizing agents and anti-corrosion auxiliaries.

Stabilizers

Prestogen®

Peroxide stabilizers adapted to the different process conditions and performance requirements

•PRETREATMENT AND
OPTICAL BRIGHTENING

•PRETREATMENT



All-in-one

Imerol®

All-in-one products combining wetting, washing, stabilizing and sequestering properties for an easy handling with excellent performance/cost ratio.

Reductive bleaching agents

Arostit®

Stabilized hydrosulfites suitable for reductive bleaching processes of textiles made of wool, polyamide, cotton, linen, hemp, flax, jute and similar fibers.

Performance improvement

Optivator®

Performance improvement in enzyme treatments and bleaching with the use of advanced polymer technology.

Dyes for polyamide and wool

Nylosan® E

Metal-free acid leveling dyestuffs with medium wet fastness level and very good coverage of barriness. Very high light fastness, therefore used in the carpet industry and for home textiles.

Nylosan® N

Metal-free acid dyestuff range with high leveling power and high wet fastness. Good coverage of barriness. Perfect combinability and strong build up. Also suitable for dyeing wool in combination with Optilan® MF dyes.

Nylosan® S

Metal-free acid dyestuff range with the highest wet fastness level in the market. The dyes show very good combinability without blocking and a strong build-up. Easy, short and reliable dyeing processes in combination with Opticid® VAN liq or Opticid® VS liq c.

Lanasyn® F

Metal-free, brilliant acid dyestuff range with high wet fastness level but limited combinability. These dyes are possible shading elements for the Nylosan® S and Lanasyn® M dyestuff ranges

Lanasyn® M

1:2 metal complex dyestuff range. Shows very high wet and light fastness levels. Possible shading elements for the Nylosan® S dyestuffs.

Optilan® MF

Metal-free acid dyestuffs for wool that are readily combinable and exhibit very good leveling properties coupled with a high wet fastness level. They are especially recommended for yarn and piece dyeing of 100% wool, as well as silk fibers, and blends of these substrates with other fibers including wool/polyamide blends. Optilan® MF dyes exhibit good root-tip partition and are therefore very suitable for dyeing long haired wool such as alpaca, cashmere, mohair or angora.

Dyes for polyester

Foron® E

Disperse dyestuffs that are distinguished by their high migration power and very good coverage of material differences. These dyes are the preferred choice when leveling problems are to be expected.

Foron® S

Disperse dyestuffs with high sublimation fastness. These dyes show very good chemical stability and are suitable for exhaust dyeing processes as well as Thermosol dyeing and printing

Foron® RD

The original rapid disperse dyeing range for polyester fibers. The dyes are characterized by their optimum reproducibility and rapid dyeing performance

Foron® S-WF

A complete range of high-sublimation fast disperse dyestuffs with excellent wet fastness properties even after post-setting. Foron® S-WF dyes are suitable for yarn and piece dyeing by the exhaustion process as well as for continuous dyeing and printing. The dyes are easily clearable and are ideal for dyeing polyester/cellulosic blends using the economical SWIFT process: an innovative solution for dyeing all depths of shades, which minimizes the environmental impact by meeting industry demands for shorter and economical processes that save water and energy.

Foron® SE-WF

A compact range of medium-sublimation fast disperse dyestuffs with very good wet fastness properties even after post-setting. Foron® SE-WF dyes are particularly suitable for dyeing 100% polyester and polyester/elastane fabric blends by the exhaustion process. The dyes are easily clearable and are also suitable for dyeing polyester/cellulosic blends by the exhaust or continuous methods.

Foron® AS

Disperse dyes which are especially suitable for the dyeing of automotive and home textiles and have been developed to withstand the highest light fastness and hot light fastness requirements.

Dyes for cationic dyeable polyester, polyamide, and aramid

Doracryl®

A compact range of cationic dyes suitable for application on CDP, CDPA and Aramid fibers. The dyes are particularly suitable for the production of high wet fast color-blocked or contrast effects on CDP/PES and CDP/Elastane blends for sportswear and activewear.

Dyes for cellulose – reactive and direct dyes

Drimaren® HF

Highest reproducibility from pale to dark shades with very high level of fixation and excellent washing off and wet fastness properties in both exhaust and continuous applications. Meet the toughest retailer and brand house requirements. Their robust dyeing behavior on modern, ultra-low liquor ratio dyeing machinery combined with low temperature (60°C) washing requirements guarantee resource savings and ensure environmental sustainability. Meets standard retailer and brand house requirements.

Drimaren® HF-CD

Highly compatible ternary for pad batch and continuous dyeing ensures excellent reproducibility in the most difficult pale to medium shades, from lab to bulk and bulk to bulk. Very low tailing tendency, photochromic free and high light fastness range with excellent all round fastness performance.

Drimaren® K

Drimaren® K dyes are classified as warm dyeing reactive dyes recommended for all exhaust and continuous dyeing procedures. The complete dye/fiber reaction takes place optimally at 40-60°C in exhaust applications. In this temperature region the Drimaren® K dyes are notable for their excellent penetration and level dyeing behavior. The range is distinguished by elements with very bright shades covering the complete color space. A strong dye-fiber bond combined with robust chromophores means that the range meet the toughest retailer and brand house requirements. Their high reactivity and excellent stability allows 'silicate free' dyeing in the cold pad batch process where full fixation can be achieved using soda ash alone.

Drimaren® X/XN

Drimaren® X/XN dyes are classified as hot dyeing reactive dyes and are distinguished by unequalled penetration and level dyeing behavior due to their high migration potential. Highly recommended for dyeing difficult substrates such as viscose, cellulosic blends and garments even under the most problematic dyeing conditions. Robust system for dyeing brilliant yellow, green and turquoise shades guaranteeing dichromism free, reproducible shades.

Drimaren® CL

Economy and high color strength for dyeing the deepest shades. Very good washing off and wet fastness properties.

Indosol®

A range of metal free and metal complex (for high light fastness) direct dyes, which are suitable for dyeing cellulose and its blends. High wash fastness can be obtained with Optifix® fixing agents. Selected elements have good high temperature stability at 130°C therefore can be used in a one bath dyeing process for polyester/cellulose substrates in combination with Foron® disperse dyes.

Dyes for cellulose – special dyes

Diresul® RDT

Pre-reduced sulfur dyes with minimal sulfide content. The liquid form makes them suitable for automatic dosing systems. Complete palette. Suitable for more ecological dyeing solutions in yarn (denim), continuous and garment dyeing applications.

Optisul® C

Sulfide free solubilized sulfur dyes in liquid form. Especially suitable for obtaining elegant distress looks by simple and ecological Pad-Dry application

Denisol

A newly developed pre-reduced indigo solution for easy handling in yarn dyeing of denim with reduced dyebath chemical consumption.

Pigment preparations and auxiliaries for printing

Printofix®

Water-based pigment preparation of highest quality, good fastness and great ecological profile. Together with Helizarin® Binders, Lutexal® thickeners and Luprintol® auxiliaries, high quality prints can be achieved.

Dyes and auxiliaries for printing

Drimaren® PS

For printing on cellulosic fibers. MCT reactive dyes for a reproducible process and very good wash fastness. Ecologically sound products with brilliant shades to enable great color variety and performance. Dusting free form for easier dosing and its high solubility avoid wasting time in pre-dilution. Salt-free formulation for reduced loss of viscosity and better washing off.

Nylosan® / Lanasyne®

More than 30 shades of acid and metal-complex dyes for printing on polyamide. Metal-free* and high performance.

Foron®

Disperse dyes especially selected for printing on polyester. Suitable for all applications whatever the requirements standards: from automotive outdoor textiles, to home textiles and apparel.

Special auxiliaries

Printogen®

Auxiliaries special developed for printing with reactive, disperse and acid dyes.

Rongalit®

Complete range of products for discharge and reserve printing. Also suitable for 2 phase VAT dyes printing.

Dyeing auxiliaries for polyamide

Leonil®

Universal wetting and de-aerating agent for continuous and discontinuous dyeing of cellulosic and synthetic fibers and their blends.

Antimussol®

Defoamer for various textile process applications

Imacol®

Lubricants – Crease inhibitors. Reduce the fiber-fiber friction and change the flow behavior of the liquor in order to improve the fabric appearance.

Opticid®

pH regulators for improving levelness, reproducibility and reducing dyeing time for dyeing polyamide, wool, polyester and its blends with acid, metal-complex or disperse dyes respectively

Thiotan®

Fiber reactive agents which change the affinity of the PA fiber used in a variety of special effects such as reserving effect, differential dyeing for blends, anti-staining, contrast dyeings.

Nylofixan®

Fixatives to improve the wet fastness properties of dyeings and prints on polyamide and its blends. Reserves polyamide against direct and metal-complex dyes.

Humectol®

A special range of multiple function products: agents with washing and scouring properties for all kinds of natural and synthetic fibers, particularly in blends with elastane fibers or multipurpose dye bath conditioner, lubricant with wetting, leveling, softening and emulsifying properties

Lyogen®

Leveling agent for exhaust and continuous dyeing of polyamide and wool fibers and their blends with acid and metal-complex dyes. Under specific dyeing conditions it is suitable for dyeing of cellulosic fibers.

Optifix®

Fixatives for dyeings and prints on cellulosic fibers with direct and reactive dyes by exhaust and continuous methods.

Rayosan®

UV absorber for cellulose, polyester and polyamide. Suitable for application by exhaust and continuous methods.

Fadex®

UV absorbers for improving the light fastness of dyeings on polyester for exhaust and continuous application. Protection against the detrimental effect of light and oxidation on polyamide.

Dyeing auxiliaries for wool

Leonil®

Universal wetting and de-aerating agent for continuous and discontinuous dyeing of cellulosic and synthetic fibers and their blends.

Antimussol®

Defoamer for various textile process applications.

Imacol®

Lubricants – Crease inhibitors. Reduce the fiber-fiber friction and change the flow behavior of the liquor in order to improve the fabric appearance.

Optifix®

Fixatives for dyeings and prints on wool fibers with direct and reactive dyes by exhaust and continuous methods.

Nylofixan®

Fixatives to improve the wet fastness properties of dyeings and prints on polyamide and its blends. Reserves polyamide against direct and metal-complex dyes.

Humectol®

A special range of multiple function products: agents with washing and scouring properties for all kinds of natural and synthetic fibers, particularly in blends with elastane fibers or multipurpose dye bath conditioner, lubricant with wetting, leveling, softening and emulsifying properties.

Thiotan®

Fiber reactive agents which change the affinity of the PA fiber used in a variety of special effects such as reserving effect, differential dyeing for blends, anti-staining, contrast dyeings

Lanalbin®

Special range for wool care. Preventing yellowing and photo-bleaching of the wool. Improving light fastness and resistance of the wool.

Dilatin®

Diffusion accelerator for dyeing polyester and blends at temperature below 130°C. Prevents staining of wool by disperse dyes. Improves migration and accelerates diffusion.

Lyogen®

Leveling agent for exhaust and continuous dyeing of polyamide and wool fibers and their blends with acid and metal-complex dyes. Under specific dyeing conditions it is suitable for dyeing of cellulosic fibers.

Dyeing auxiliaries for polyester

Antimussol®

Defoamer for various textile process applications.

Imacol®

Lubricants – Crease inhibitors. Reduce the fiber-fiber friction and change the flow behavior of the liquor in order to improve the fabric appearance.

Opticid®

pH regulators for improving levelness, reproducibility and reducing dyeing time for dyeing polyamide, wool, polyester and its blends with acid, metal-complex or disperse dyes respectively

Revatol®

Protecting agent for dyes sensitive to reduction.

Humectol®

A special range of multiple function products: agents with washing and scouring properties for all kinds of natural and synthetic fibers, particularly in blends with elastane fibers or multipurpose dye bath conditioner, lubricant with wetting, leveling, softening and emulsifying properties.

Rayosan®

UV absorber for cellulose, polyester and polyamide. Suitable for application by exhaust and continuous methods.

Cyclanon®

Range of washing off and reduction clearing agents for cellulosic and polyester fibers and its blends.

Lyocol®

Highly effective dispersing agent for dyeing polyester fibers and their blends.

Setamol®

Universal dispersing agent and protective colloid for dyestuff-s.

Eganal®

Leveling agent with dispersing properties for disperse dyes.

Ekalin®

Washing, dispersing, emulsifying and reduction clearing agent.

Fadex®

UV absorbers for improving the light fastness of dyeings on polyester for exhaust and continuous application. Protection against the detrimental effect of light and oxidation on polyamide.

Dilatin®

Diffusion accelerator for dyeing polyester and blends at temperature below 130°C. Prevents staining of wool by disperse dyes. Improves migration and accelerates diffusion.

Dyeing auxiliaries for continuous dyeing

Antimusso®

Defoamer for various textile process applications.

Leonil®

Universal wetting and de-aerating agent for continuous and discontinuous dyeing of cellulosic and synthetic fibers and their blends.

Primasol®

Wetting agent for continuous and discontinuous dyeing of cellulosic fibers and their blends with synthetic fibers.

Revatol®

Protecting agent for dyes sensitive to reduction.

Dekol®

Non-foaming sequestering agent and protective colloid with dispersing properties for dyeing of all fibers, particularly cellulose, polyester and their blends.

Setamol®

Universal dispersing agent and protective colloid for dyestuffs.

Lyocol®

Highly effective dispersing agent for dyeing polyester fibers and their blends.

Solidokoll®

Specialized products to prevent dye migration during the intermediate drying in continuous dyeing processes. As well as products improving the surface levelness and appearance of cellulosic woven fabrics.

Opticid®

pH regulators for improving levelness, reproducibility and reducing dyeing time for dyeing polyamide, wool, polyester and its blends with acid, metal-complex or disperse dyes respectively

Peregal®

Leveling agent for VAT dyeing of cellulosic fibers under exhaust and continuous conditions

Ladipur®

Washing off- agents for cellulosic fabrics which have been dyed or printed with reactive dyes.

Cyclanon®

Range of washing off- and reduction clearing agents for cellulosic and polyester fibers and its blends.

Ekalin®

Washing, dispersing, emulsifying and reduction clearing agent.

Optifix®

Fixatives for dyeings and prints on cellulosic fibers with direct and reactive dyes by exhaust and continuous methods.

Rayosan®

UV absorber for cellulose, polyester and polyamide. Suitable for application by exhaust and continuous methods.

•FINISHING

•ANTIMICROBIAL
PROTECTION



Sanitized®

Sanitized®

Products against bacteria, smell, dust mites, vectors, yeasts, and mold and mildew fungi.

•FINISHING

•FLAME
RETARDANCE



Pekoflam®

Pekoflam®

Phosphorous-based halogen-free* range of permanent to non-durable flame retardant coatings and finishes, for all fibers and textile applications.

•FINISHING

•MOISTURE
MANAGEMENT



Hydroperm®

Hydroperm®

Special hydrophilic softeners for moisture management finishing for applications such as shirting, outdoor and sportswear.

•FINISHING

•REPELLENCY &
SOIL RELEASE



Nuva®

“PFOA free” water repellence solution C6 based finishing product for extremely durable water and oil repellent and or soil and stain release finishing of textiles made of synthetic and cellulosic fibers.

Arkophob® FFR

Archroma opens up a new level of performance to the outdoor gear and equipment markets with the launch of fluorine-free water repellent Arkophob® FFR.

•FINISHING

•SHAPING &
RESILIENCE



Cassurit®

Cassurit®

Range of crosslinking agents, filling and stiffening agents, and bounding and deformation agents suitable for synthetic fibers and nonwovens.

•FINISHING

•SHRINK
RESISTANCE



Softeners

Leomin®

Fatty acid based non-permanent softeners.

Ceranine®

Fatty acid based non-permanent softeners.

Cepreton®

Economical non-permanent softeners.

Dilasoft®

Fatty acid based hydrophilic softener for special use.

Hydroperm®

Special hydrophilic softeners for moisture management finishing.

Velustrol®

Polyethylene based softeners for tear strength and sewability improvement.

Sewability improver and yarn lubricant

Ceralube®

Polyethylene based lubricants for tear strength and sewability improvement with soft hand feel.

Destofil®

Softeners for yarn lubrication.

Silicone softeners

Ceraperm®

Economical silicone compounds with permanent soft hand feel and improvement of mechanical technological properties.

Solusoft®

Silicone softeners with permanent soft hand feel and improvement of mechanical technological properties

•FINISHING

•SOFTNESS &
SEWABILITY IMPROVER



Softeners

Leomin®

Fatty acid based non-permanent softeners

Ceranine®

Fatty acid based non-permanent softeners

Cepreton®

Economical non-permanent softeners

Dilasoft®

Fatty acid based hydrophilic softener for special use

•FINISHING



Hydroperm®

Special hydrophilic softeners for moisture management finishing.

Velustrol®

Polyethylene based softeners for tear strength and sewability improvement.

Sewability improver and yarn lubricant

Ceralube®

Polyethylene based lubricants for tear strength and sewability improvement with soft hand feel.

Destofil®

Softeners for yarn lubrication

Silicone softeners

Ceraperm®

Economical silicone compounds with permanent soft hand feel and improvement of mechanical technological properties.

Solusoft®

Silicone softeners with permanent soft hand feel and improvement of mechanical technological properties

•FINISHING

•SPECIALTIES



Yellowing protection

Umidol®

Special range of chemicals with a variety of different performances such as to avoid thermic or phenolic yellowing or special additives for shade change corrections

Anti-slip agent

Dicofix®

Anti-slipping agent with soft handle for all kinds of fibers. Reduces the pilling tendency.

Anti-static agent

Elfugin®

Highly efficient anionic antistatic agent with strong anticorrosive effect in treatment liquors for synthetic fibers and blends.

Hydrophobic agent

Arkophob®

Non-durable and durable water repellent agent solutions.

•FINISHING

•STRENGTH &
FLEXIBILITY



Polymers

Appretan® E

Ultra low formaldehyde self-crosslinking polymer dispersions.

Additives

WETTING AGENTS

Hostapal®

Efficient wetting agent with non-rewetting properties (polyglycol ether derivatives).

Fluowet®

Wetting agent for fluorocarbons with non-rewetting properties (fatty alcohol ethoxylate).

THICKENERS

Appretan® thickener

Fully to partially neutralized inverse thickening agents.
Water based neutralizable thickener also available in range.

SPECIAL CROSSLINKERS

Arkophob®

Formaldehyde-free* crosslinking agent, for OH-/COOH- containing polymers
(hydroxylated zirconium-based crosslinker).

FOAMING AGENTS

Hostapur®

Efficient foaming and wetting agent (alkane sulfonates).

Genaminox®

Amphoteric foaming and wetting agent (alkyl dimethyl amineoxide).

ANTI-FOAMING AGENTS

Antimussol®

Silicone-based, processing-stable and economical antifoaming agents