Product : Zygofix PFLF

Function	:	Low Formaldehyde Pigment Printing Fixer
Chemical Composition	:	Melamine condensation Product
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Polymerises and Crosslinks during curing providing excelleing fastness
Application Details	:	1-2 times of Pigment

Product : Zygofix PFZF

Function	:	Formaldehyde Free Pigment Printing Fixer
Chemical Composition	:	Thermally Crosslinkable Acrylate Co-
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Polymerises and Crosslinks during curing providing excelleing fastness
Application Details	:	1-2 times of Pigment

Pretreatment / Dyeing and Printing Auxilliary Product : Zygoprint RG GR

Function	:	Reduction Inhibitor
Chemical Composition	:	Organic sulfonic acid salt
Ionic Nature	:	Anionic
Brief Technical Advantages	Ξ	Protects readily reducible of steam sensitive reactive or direct dyes against shade change in printing. Enables excellent colouration with good reproducibility
Application Details	:	5-10 g/kg

Product : Zygosil ASME

Function	:	Silicone hand modifier
Chemical Composition	:	Aminomodified polydimethyl siloxane
Ionic Nature	:	Non-ioninc
Brief Technical Advantages	:	Offers excellent surface and inner feel
Application Details	:	Padding : 15 - 50 g/l

Product : Zygosil SILK

Function	:	Silicone hand modifier
Chemical Composition	:	Aminomodified polydimethyl siloxane
Ionic Nature	:	Non-ioninc
Brief Technical Advantages	:	•All purpose silicone softner for wet feel, good silky soft feel
Application Details	:	Padding : 10 - 40 g/l

Product : Zygosil AS960

Function	:	Silicone hand modifier
Chemical Composition	:	Aminomodified polydimethyl siloxane
Ionic Nature	:	Non-ioninc
Brief Technical Advantages	:	•Super Soft with high degree of inner softness and surface smoothness
Application Details	:	Padding : 05 - 25 g/l

Product : Zygosil KTY

Function	:	Silicone hand modifier for knit, towel and yarn
Chemical Composition	:	5th generation silicone polymer
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Shear stable, hydrophilic, non- yellowing silicone emulsion. Doesn't impair chlorine bleach fastness of reactive dyes.
Application Details	:	Exhaust : 1-2% Padding : 20-40 g/l

Product : Zygosil HYDRA T

Function	:	Silicone hand modifier for towel
Chemical Composition	:	5th generation silicone polymer
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Shear stable, hydrophilic, non- yellowing silicone emulsion. Doesn't impair chlorine bleach fastness of reactive dyes.
Application Details	:	Exhaust : 0.5-1% Padding : 10-20 g/l

Product : Zygosil WNPP

Function	·	Silicone hand modifier for woven, knits sepcially for pigment printed fabric
Chemical Composition	:	5th generation silicone polymer
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Excellent surface smoothness, very low yellowing.
Application Details	:	Padding: 15-30 g/l

Product : Zygosil SD

Function	:	Shade enhancer for cotton and polyester and their blends
Chemical Composition	:	Siliocne based shade enhancer blended with some speciality polyme
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	•Marked shade deepening effect with excellent hand feel
Application Details	:	Padding: 10-50 g/l

Product : Zygosoft AS

Function	:	Silicone based wicking agent
Chemical Composition	:	5th generation silicone polymer
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Imparts excellent hydrophilicity and wicking property on cotton, blends and synthetics
Application Details	:	Padding: 5-30 g/l

Product : Zygosoft FC

Function	:	Organic softner softness
Chemical Composition	:	Fatty Amide quaternised compound
Ionic Nature	:	Cationic
Brief Technical Advantages	:	Soapy surface smoothness
Application Details	:	Exhaust: 1-3% Padding: 20-50 g/l

Product : Zygosoft OC

Function	:	Organic softner softness
Chemical Composition	:	Fatty Amide quaternised compound
Ionic Nature	:	Cationic
Brief Technical Advantages	:	Very premium surface sommthness with less yellowing than conventional cationic softeners
Application Details	:	Exhaust: 1-3% Padding: 20-50 g/l

Product : Zygotex SFC

Function	:	Organic Softner for white textile, no yellowing and excellent hydrophilicity
Chemical Composition	:	Amphoteric fatty acid derivative compond
Ionic Nature	:	Amphoteric
Brief Technical Advantages	:	Natural feel
Application Details	:	Exhaust : 1-3% Padding : 30-60 g/l

Product : Zygosoft HDPE

Function	:	Tear strength, bursting strength improver for textiles
Chemical Composition	:	High Density Polyethylene Emulsion Synergistic
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Natural Surface smoothness with good lubricity. Can be used on resin finish package to improve strength of fabric
Application Details	:	Exhaust: 1-3% Padding: 30-60 g/l

Product : Zygosoft YL

Function	:	Yarn Lubricant for better knitting performance
Chemical Composition	:	Mixture of organic compounds
Ionic Nature	:	Non- ionic/cationic
Brief Technical Advantages	:	Offers excellent lubrication to yarns improving knitting efficiency
Application Details	:	Exhaust: 1-2%

Product : Zygotex LFR

Function	:	Resin for dimensional stability to textiles
Chemical Composition	:	Modified dimehthylol dihydroxy ethylene urea
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Idea to offer dimensional stability, 3D effect etc onto textiles
Application Details	:	Garment (1:1): 4-6% OWM Padding: 40-80 g/l

Product : Zygotex ADS

Function	:	Reactive Washing off agent with high Ca++/Mg++/Fe++/Fe+++ chelation values
Chemical Composition	:	Sodium salt of polyacrylic acid
Ionic Nature	:	Anionic
Brief Technical Advantages	÷	Complete removal of unfixed reactive dyes improving fastness of textiles Acts as an effective dye bath conditioner
Application Details	:	Exhaust : 0.5-1%

Product : Zygotex WA

Function	:	Reactive Wash Off
Chemical Composition	:	Sodium salt of acrylic maleic copolymer
Ionic Nature	:	Anionic
Brief Technical Advantages	:	An efficient reactive wash off
Application Details	:	Exhaust : 0.1-2%

Product : Zygoex CWA

Function	:	Concentarted Reactive Wash Off
Chemical Composition	:	Sodium salt of acrylic maleic copolymer
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Excellent Reactive wash off improving fastness to a good extent
Application Details	:	0.5-1.0%

Product : Zygotex CO

Function	:	Leveling and Dispersing agent for Reactive and VAT Dyes
Chemical Composition	:	Sulfonated Compound
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Excellent Leveling and dispersing action during reactive and VAT dyeing
Application Details	:	Exhaust: 0.5-1.0%

Product : Zygofix FF

Function	:	Formaldehyde Free fixing agent for Reactive Dyes
Chemical Composition	:	Quaternised Organic Compound
Ionic Nature	:	Cationic
Brief Technical Advantages	:	Excellet fastness improver with minimum or no sahde variation
Application Details	:	Exhaust: 0.5 -1%

Product : Zygofix FFD

Function	:	Formaldehyde Free fixing agent for Reactive Dyes
Chemical Composition	:	Quaternised Organic Compound
Ionic Nature	:	Cationic
Brief Technical Advantages	:	Excellet fastness improver with minimum or no sahde variation
Application Details	:	Exhaust: 1.0-2.0%

Product : Zygofix FI-X

Function	:	Formaldehyde based reactive dye fixing agent
Chemical Composition	:	Quaternised Organic Compound
Ionic Nature	:	Cationic
Brief Technical Advantages	:	Excellet fastness improver with minimum or no sahde variation
Application Details	:	Exhaust: 1.0-2.0%

Product : Zygoprint AP

Function	:	Silicone freee Anti-foam
Chemical Composition	:	Mineral oil and ethoxylated fatty alcohol
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	 Strong foam depression Silicone free No influence on shade while dyeing. Applicable in sizing scouring, dyeing and printing processes.
Application Details	:	Exhaust: 0.05-0.5 g/l Padding 2-5 g/kg

Product : Zygotex AB-55

Function	:	Acid Buffer for Cellulose and Cellulose blends dyeing
Chemical Composition	:	Mixture of Carboxylic Acid Derivatives
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Zygotex AB-55 acid buffer ensures reproducibility on 100% cellulose with the help of the buffering effect during reactive dyeing and also dyeing of polyester/cellulose fibers with disperse and reactive dyes at all stages of processing in HT-one-bath pro
Application Details	:	Exhaust: 0.5-3.0 g/l

Product : Zygotex AB-45

Function	:	Acid Buffer for pH sensitive disperse and acid dyes
Chemical Composition	:	Organic Acids and Salts
Ionic Nature	:	Anionic
Brief Technical Advantages	÷	Dyeing of polyester fibers with disperse dyes and wool fibres with acid dyes at all stages of processing in all machines
Application Details	:	Exhaust: 1.0-3.0 g/l

Product : Zygotex ABC

Function	:	Anti-back staining agent for denim washing
Chemical Composition	:	Blend of surfactants
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Excellent indigo dispersing power enabling the the faded denim to retain it's contrast
Application Details	:	Exhaust: 0.1-0.2%

Pretreatment / Dyeing and Printing Auxiliary Product : Zygoprint RD-HT

Function	:	Thickener for Reactive Printing
Chemical Composition	:	Blend of Natural and Synthetic thickeners
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Maintains vsicosity to an optimum level enabling print sharmpness
Application Details	:	3-4% in print paste or as desired to maintain viscosity

Pretreatment / Dyeing and Printing Auxiliary Product : Zygoprint RD-ST

Function	:	Cost Effective Thickener for Reactive Printing
Chemical Composition	:	Blend of Natural and Synthetic thickeners
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Maintains vsicosity to an optimum level enabling print sharmpness
Application Details	:	4-6% in print paste or as desired to maintain viscosity

Pretreatment / Dyeing and Printing Auxiliary Product : Zygoprint ST-R

Function	:	Cost Effective Thickener for Reactive Printing
Chemical Composition	:	Synthetic thickeners
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Maintains vsicosity to an optimum level enabling print sharmpness
Application Details	:	4-6% in print paste or as desired to maintain viscosity

Pretreatment / Dyeing and Printing Auxiliary Product : Zygoprint PBA

Function	:	APEO free binder with excellent print quality and fastness
Chemical Composition	:	Acrylate Co- polymer
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Binder for Pigment Printing with Excellent Print Quality Fastness Properties & High Softness
Application Details	:	2-3 times of Pigment

Product : Zygoprint PBAD

Function	:	APEO free binder with excellent print quality and fastness
Chemical Composition	:	Acrylate Co- polymer
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Binder for Pigment Printing with Excellent Print Quality Fastness Properties & High Softness
Application Details	:	3-3.5 times of Pigment

Pretreatment / Dyeing and Printing Auxiliary Product : Zygoprint PT

Function	:	Synthetic Thickener for Pigment Printing
Chemical Composition	:	Acrylic Polymer
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Maintains vsicosity to an optimum level enabling print sharmpness
Application Details	:	2 times of Pigment

Pretreatment / Desizing

Product : Zygotex SRHT

Function	:	Desizing enzyme
Chemical Composition	:	α-Amylase
Ionic Nature	:	-
Brief Technical Advantages	:	Applicable over wide range of temperature 70-100 °C including steaming and pH (5-9.5)
Application Details	:	Exhaust: 0.5-2 g/l Pading: 1-6g/l

Pretreatment / Wetting/Scouring/Washing

Product : Zygotex IW

Function	:	Wetting agent
Chemical Composition	:	Alcohol Ethoxylate formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	 Good wetting and rewetting power Extremely low foaming Good detergency and oil emulsification properties.
Application Details	:	Exhaust: 0.3-0.8 g/l

Product: Zygotex RWLF

Function	:	Wetting agent
Chemical Composition	:	Alcohol Ethoxylate formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	•Good wetting and rewetting properties. •Low foaming Excellent cleaning efficiency •Suitable for all types of machines and applications. •GOTS approved.
Application Details	:	Exhaust: 0.3-0.5 g/l

Product : Zygotex HWLF

Function	:	Wetting agent
Chemical Composition	:	Alcohol Ethoxylate formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	 Good wetting and rewetting properties Low foaming Excellent cleaning efficiency Suitable for all types of machines and applications
Application Details	:	Exhaust: 0.5-1.0 g/l

Product : Zygotex DA

Function	:	Wetting Agent for Elastane blends
Chemical Composition	:	Surfactant formulation
Ionic Nature	:	Anionic / Non-ionic
Brief Technical Advantages	:	 Specially suitable for exhaust pre-treatment of elastane blends Efficient in removing silicone oils from elastane fibres Very good detergency & emulsification power Low foaming
Application Details	:	Exhaust: 0.5-2 g/l

Product : Zygotex NF

Function	:	Low foaming, wetting & Deaerating
Chemical Composition	:	Aliphatic Phosphate Derivative
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Improves the penetration and leveling of dyeing Very low foaming
Application Details	:	Exhaust: 1.2g/l Pading: 2.5-5g/l

Product : Zygotex One

Function	:	3-in-1 Pre-treatment agent
Chemical Composition	:	Polyethoxylated fatty ether
Ionic Nature	:	Anionic / Non-ionic
Brief Technical Advantages	:	Wetting, Scouring, complexing and stabilizing properties
Application Details	:	Exhaust: 0.8-2 g/l

Product : Zygotex Eco Wet

Function	:	Mineral based Multi-fuction scouring agent
Chemical Composition	:	Kaolin blend surfactant, dispersion & chelating agent
Ionic Nature	:	
Brief Technical Advantages	:	Suitable for single stage bleaching, no need to add other auxiliaries Excellent detergency, low foaming and good lubricating properties
Application Details	:	Exhaust: 1-3 g/l

Product : Zygotex OT

Function	:	Fast wetting agent
Chemical Composition	:	Sulfosuccinate based surfactant
Ionic Nature	:	
Brief Technical Advantages	:	Ensures fast surface wetting. Not applicable for high turbulent application.
Application Details	:	Exhaust: 1-3%

Product : Zygotex CBLF

Function	:	Wetting and Scouring agent for CBR
Chemical Composition	:	Blend of surfactants
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Very low foaming with good detergency and rewetting for continuous and semi-continuous pretreatment
Application Details	:	Padding: 1-6 g/l

Product : Zygotex BB

Function	:	Catalyst and surfactant helping in low temperature bleaching
Chemical Composition	:	Blend of different salts and surfactants
Ionic Nature	:	Weakly Anionic
Brief Technical Advantages	:	Enzyme-mimetic catalyst and scouring agent that enable the hydrogen peroxide bleaching to take place at a lower temperature.
Application Details	:	0.5 - 1.0%

Pretreatment / Bioscouring

Product : Zygozyme BS

Function	:	Bio-scouring agent for Pre- treatment
Chemical Composition	:	Enzyme formulation
Ionic Nature	:	
Brief Technical Advantages	:	Warm temperature application, saves energy and cost Mild neutral pH processing results in better handle and less weight and strength loss in treated substrate
Application Details	:	Exhaust: 0.6-2 g/l

Pretreatment / Lubricants

Product : Zygofluid ACA

Function	:	Lubricant for exhaust
Chemical Composition	:	Phosphate Ester
Ionic Nature	:	
Brief Technical Advantages	:	 Highly effective anionic polymeric formulation which reduces fabric to fabric and fabric to metal friction. No adverse effect on dye bath.
Application Details	:	Exhaust: 0.5-1g/l

Pretreatment / Lubricants

Product : Zygofluid C

Function	:	Lubricant for exhaust
Chemical Composition	:	Polymeric Formulation
Ionic Nature	:	
Brief Technical Advantages	:	 Reduces fabric to fabric and fabric to metal friction Prevents crease formation in fabric No adverse effect on dye bath
Application Details	:	Exhaust: 0.5-2g/l

Pretreatment / Lubricants

Product : Zygofluid CD

Function	:	Lubricant for exhaust
Chemical Composition	:	Polymeric Formulation
Ionic Nature	:	
Brief Technical Advantages	i	 Reduces fabric to fabric and fabric to metal friction Prevents crease formation in fabric. No adverse effect on dye bath Suitable for automatic dosing pump.
Application Details	•	Exhaust: 1.0-2 g/l

Pretreatment / Mercerising Wetting

Product : Zygotex MRW

Function	:	Mercerizing wetting agent
Chemical Composition	:	Aliphatic sulphate Derivative
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Excellent wetting in high alkaline medium Very low foaming. Shortens mercerization time
Application Details	:	Continuous: 0.5-1.0 %

Pretreatment / Mercerising Wetting

Product : Zygotex EMR

Function	:	Mercerizing wetting agent
Chemical Composition	:	Aliphatic sulphate Derivative
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Excellent wetting in high alkaline medium Very low foaming. Shortens mercerization time.
Application Details	:	Continuous: 0.5-1.5 %

Pretreatment / Chelating Agent

Product : Zygotex PSE

Function	:	Peroxide stabilizer
Chemical Composition	:	Blend of organic acids
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Cost effective peroxide stabilizer Silicate free
Application Details	:	Exhaust: 1/5-1/10th of Peroxide

Pretreatment / Chelating Agent

Product : Zygotex PSC

Function	:	Peroxide stabilizer
Chemical Composition	:	Blend of Complex and stabilizing agents
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Effective peroxide stabilizer for continuous and semi- continuous application
Application Details	:	Padding: 8-12 ml/Kg

Pretreatment / Chelating Agent

Product : Zygotex EMG

Function	:	Strong sequestrant & De- mineralizing agent
Chemical Composition	:	Special blend of complexing agents
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Forms complex with alkaline earth metals and prevents re-deposition on fabric or machine parts Removes Iron Contamination leading to better whiteness and reduces the risk of catalytic degradation of Peroxide
Application Details	:	Exhaust : Demin : 021 g/l Bleaching : 01-0.2 g/l

Pretreatment / Alkali Neutraliser

Product : Zygotex CAN

Function	:	Neutralizing agents
Chemical Composition	:	Special formulated mixture of organic acids
Ionic Nature	:	Anionic
Brief Technical Advantages	:	Highly concentrated formulationfor effective removal of alkali from core of the fibre in low dosage Suitable to use after pretreatment, after dyeing or in finishing bath
Application Details	:	Exhaust: 0.2-1 g/l Pading: 0.5-2 g/l

Pretreatment / Peroxide Killer

Product : Zygotex PE

Function	÷	Neutralises Residual Hydrogen Peroxide
Chemical Composition	:	Enzymatic formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Completetely removes residual hydrogen peroxide from bath
Application Details	:	Exhaust : 0.2-0.3%

Pretreatment / Peroxide Killer

Product : Zygotex PED

Function	:	Neutralises Residual Hydrogen Peroxide
Chemical Composition	:	Enzymatic formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Completetely removes residual hydrogen peroxide from bath
Application Details	:	Exhaust : 0.4-0.6%

Product : Zygozyme SZ

Function	:	Cellulase Enzyme for stone wash effect
Chemical Composition	:	Enzymatic formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Offers distinct stone wash effect with grey cast
Application Details	:	Exhaust: 0.5-1.0%

Product : Zygozyme BFN

Function	÷	Neutral Cellulase for Biopolishing
Chemical Composition	:	Enzymatic formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Bio-polishing at neutral pH with less colour loss
Application Details	:	Exhaust: 0.5-1.0%

Product : Zygozyme BGN

Function	:	Neutral Cellulase for Biopolishing and fading
Chemical Composition	:	Enzymatic formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Bio-polishing at neutral pH with considerable colour loss
Application Details	:	Exhaust: 0.5-1.0%

Product : Zygozyme BFA

Function	÷	Acid Cellulase for Biopolishing
Chemical Composition	:	Enzymatic formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Bio-polishing at acidic pH with less colour loss
Application Details	:	Exhaust: 0.5-1.0%

Product : Zygozyme BGA

Function	:	Acid Cellulase for Biopolishing
Chemical Composition	:	Enzymatic formulation
Ionic Nature	:	Non-ionic
Brief Technical Advantages	:	Bio-polishing at acidic pH with considerable colour loss
Application Details	:	Exhaust: 0.5-1.0%