

	Product Name	Category	Use / Application	Recommended for	Advantages	Dosage	pH	Temp	Process Timings	Remarks	
Pretreatment Formulations	1	Ambilaze XL Plus	Ambient Temp Applicable Pre-treatment Formulation	Desizing, Basic Wash, Raw Wash	Denim / Cotton Bottom Weights, Other Cellulosic Materials & its blends	Applicable between Ambient to low temp. Further Process can be carried out without rinsing, No significant Colour Loss	0.5 - 2%	6 - 7	35 - 55 C	10 - 30 Mins	Energy Saver Quick & Efficient Size Removal
	2	Primatex HT	Thermo Stable Pre-treatment Formulation	Desizing, Basic Wash, Raw Wash	Denim / Cotton Bottom Weights, Other Cellulosic Materials & its blends	Stable to Live Steam, Further Process can be carried out without rinsing, No significant Colour Loss	0.5 - 2%	6 - 7	75 - 110 C	5 - 30 Mins	Quick & Efficient Size Removal
	3	Ecolase Xli	Ambient Temp Applicable Pre-treatment Formulation	Desizing, Basic Wash, Hard Wash	Denim / Cotton Bottom Weights, Other Cellulosic Materials & its blends	Applicable between Ambient to low temp. Process can be carried out without rinsing, No significant Colour Loss	1 - 4%	6 - 7	35 - 45 C	10 - 30 Mins	Energy Saver Quick & Extensive Size Removal
Biopolishing Enzymes	4	LCE 4500	Acid Cellulase Enzyme	Biopolishing Pre-Post Dyeing	Cotton Bottom Weights, Knits, Shirting etc.	Less Color Loss / High De pilling Action	0.5 - 1.5%	4.5 - 5	50 - 55 C	25 - 45 Mins	Highly Aggressive yet No Tendering of Garment
	5	Biopol L Plus	Acid Cellulase	Biopolishing Pre-Post Dyeing	Cotton Bottom Weights, Knits, Shirting etc.	Moderate Color Loss / High De pilling Action	0.5 - 1.5%	4.5 - 5	50 - 55 C	25 - 45 Mins	Highly Aggressive yet No Tendering of Garment
	6	Bioplex 3x7i	Acid Cellulase	Biopolishing Pre-Post Dyeing	Cotton Bottom Weights, Knits, Shirting etc.	Low Color Loss / High De pilling Action	0.5 - 1.5%	4.5 - 5.5	50 - 55 C	25 - 45 Mins	Highly Aggressive yet No Tendering of Garment
	7	Biobrite XL	Premium Acid Cellulase Enzyme	Premium Biopolishing Enzyme	Cellulose, Woven or Knits.	Minimal Color Loss, High De-pilling, Does not causes yellowing thus can be used for Whites	0.5 - 2 g/l	6 - 7.5	50 - 55 C	30 - 60 Mins	Only Acid Enzyme for White Material
Acid Cellulases for Denims	8	D 20i	Acid Cellulase	Biopolishing Pre-Post Dyeing	Cotton Bottom Weights, Knits, Shirting etc.	Low Color Loss / High De pilling Action	1 - 3%	4.5 - 5.5	50 - 55 C	30 - 60 Mins	Economy Range
	9	Denicid XL	Premium Acid Cellulase for Denims	Biostoning of Denim	Denim & other Indigo dyed material	Good Granular effect / Minimal Back Backstaining / Rapid Activation / Shorter Process Cycle	0.5 - 2%	4.5 - 6.5	50 - 55 C	25 - 45 Mins	Premium Acid Cellulase Enzyme for zdenim
Neutral Cellulase Enzymes	10	Cellex NB PF	100% Phosphate Free Neutral Cellulase Enzyme	Biostoning of Whites & Denim	Denim & White textile materials	Superior Contrast, Low Backstaining, Improves Whiteness Index, Pre Buffered	0.5 - 1%	6 - 7.5	50 - 55 C	30 - 60 Mins	Neutral Cast
	11	Cellex NB	Neutral Cellulase Enzyme	Biostoning of Whites & Denim	Denim & White textile materials	Superior Contrast, Low Backstaining, Improves Whiteness Index, Pre Buffered	0.5 - 2%	6 - 7.5	50 - 55 C	30 - 60 Mins	
	12	Eco Xgi	Neutral Cellulase Enzyme	Advanced Biostoning of Denim	Denim & other Indigo dyed material	Superior Abrasion, Low Backstaining, Economical	1 - 2%	6 - 7.5	50 - 55 C	30 - 60 Mins	
	13	Primacel NXT	Buffered Neutral Cellulase Enzyme	Advanced Biostoning of Denim	Denim & other Indigo dyed material	Ultra Low Backstaining, Absolute Salt & Pepper Look, Pre Buffered	0.5 - 2%	6 - 7.5	50 - 55 C	30 - 60 Mins	
	14	Cellex NBS Plusi	Buffered Neutral Cellulase Enzyme	Advanced Biostoning of Denim	Denim & other Indigo dyed material	Good Granular effect / Minimal Back Backstaining / No Need to maintain pH	0.5 - 1%	6 - 7.5	50 - 55 C	30 - 60 Mins	Natural or Blue Cast

Finishing Specialities

15	Mex Plus	Multi Component Silicone Micro Emulsion	Premium Elastomeric Silicone Softener	All kinds of textile materials especially for tough fabrics and knitted materials	Premium Softness, Good Elasticity, Very Low Yellowing can be applied in exhaust /padding	0.5 - 2%	4.5 - 6	30 - 40 C	10 - 20 Mins	
16	Superfeel ES	Semi Micro Multi Component Silicone Emulsion	Premium Elastomeric Silicone Softener	All kinds of textile materials especially for tough fabrics and knitted materials	Premium Softness, Good Elasticity, Very Low Yellowing can be applied in exhaust /padding	0.5 - 2%	4.5 - 6	30 - 40 C	10 - 20 Mins	
17	Pentasil 1540i	Highly Concentrated Silicone Emulsion	For Cellulosic & blended textile material	All kinds of textile materials	Dilute Stable, good inner softness, greasy surface feel	0.1 - 1%	5 - 6	30 - 40 C	10 - 20 Mins	
18	Flexsil 501	Elastomeric Macro Emulsion	In combination with Resin & on exclusive basis	Wash & Wear Finish for Knits, shirting & bottom weights	Excellent Crease Recovery, Bounce, Softness & Slick Surface	0.5 - 2%	4.5 - 6	30 - 40 C	10 - 20 Mins	
19	SW 375 / 525	Unique Silicone Emulsion	Softener & Moisture Management	Knits & Terry towels	Excellent Wicking & hydrophilicity. Good Softness, Handle and Surface Smoothness	15 - 30 g/l	4.5 - 6	30 - 40 C	10 - 20 Mins	
20	Plus 10	Dilute Stable Silicone Emulsion	General Purpose Softener for whites and light shades	White Cellulosic , Synthetic and blended material	Dilute Stable, good softness & smoothness, non hydrophobic	1 - 2%	4.5 - 6.5	30 - 40 C	10 - 20 Mins	Post Dilute 1 : 10
21	Primafin Xsi	100% Non Yellowing Silicone Emulsion	Hydrophilic Softener for Ultra Whites	Ultra Whites, No need to use Optical Brightners	Increases brightness, no yellowing on over dosing good softness and surface, Shear Stable	2 - 6%	5 - 6	30 - 40 C	10 - 20 Mins	
22	Primafin XS	Ultra Low Yellowing Silicone Emulsion	Hydrophilic Softener for Whites	Whites & dyed materials both knits & woven	Shear Stable, Good hand feel and softness, ultra low yellowing finish	2 - 6%	5 - 6	30 - 40 C	10 - 20 Mins	
23	Superfeel MWX	Hydrophilic Silicone Emulsion	General Purpose Hydrophilic Softener	Usage with resins and other auxillaries	Good Hydrophilicity, Softness, Surface. Compability with other finishing materials	1 - 4%	4.5 - 6.5	30 - 40 C	10 - 20 Mins	
24	Microflex 08	Elastomeric Micro Emulsion	In combination with Resin & on exclusive basis	All kinds of textile materials	Excellent Crease Recovery, Bounce, Softness & Slick Surface, Low Yellowing	1 - 4%	4.5 - 6	30 - 40 C	10 - 20 Mins	
25	Indisof OS	Anti Ozonate Type Softener	Softeneing , Low yellowing	Denims and other textile materials	Very Good Softness & Surface Feel. Protects against Ozone Yellowing if used with OS Series of products	1 - 4%	6 - 6.5	30 - 40 C	10 - 20 Mins	
26	Maxiclean RGX	Anti Back Staining cum Greying Agent Anionic	Can be used during Low Temp Desizing, Biostoning / Bleaching / Soaping	Denim & other Indigo dyed material	Acts as an Anti-Backstaining Agent in Lower Dosages & Greying Agent cum Enzyme Deactivator if used in a higher dosages	0.1 - 10 g/l	Stable in all three mediums Acid Neutral & Alkali	As per the Application	As per application	For Achieving Typical Grey Cast. The Only of its kind
27	Textin PE Plus	Back Staining Remover	Post Enzyme for removing Superficial Indigo	Denim & other Indigo dyed material	Acts on only superficial Indigo. Ultra Clear & Neutral Cast for Salt & Pepper Effect. Completely Substitutes Soap, Caustic Soda or Peroxide & OBA.	1 - 3%	Buffered. Alkaline	30 -35	10 - 20 Mins	The Only of its kind
28	Ex-Lube	Lubricant	Fiber to Fiber & Fiber to Metal Lubrication	Denims, Cotton Bottom Weights	Prevents Streaks / Crack Marks / Helps in Increase Loading	0.5 - 2 g/l	As per the Application	As per the Application	As per the Application	

Auxiliaries

29	Instawet 100 Lfi	Universal Super Wetting Agent APEO & NPEO Free	Compatible with all Applications	Universally Applicable	Rapid Penetration, Non ionic , Fast Biodegradability APEO/NPEO Free	0.25 - 1 g/l	2 - 14	As per Application	As per Application	Extremely versatile
30	Lubritex SBX	High Conc. Non Ionic Lubricant	Fiber to Fiber & Fiber to Metal Lubrication	Denims, Cotton Bottom Weights, Knits, Threads & Yarn	Non film forming, Nonionic, Prevents Streaks in Increase Loading, Smooth Operations	0.1 - 1 g/l	As per the Application	As per the Application	As per the Application	
31	Santin EL	Powerful Anti Redepositing Agent	For preventing backstaining and tinting	Denims & Garments stiched with different color fabrics	Clean look, enhanced contrast, can be used in limited dosage during softening.	0.1 - 2%	As per the Application	As per the Application	As per the Application	Can be used with softeners in lower dosages.
32	Santin XP	Anti Redepositing Agent	Anti tinting & stripping colour	Denims and Multi Coloured Garments as an Anti Backstaining Agent And stripping Agent in Higher Dosage	Zero Back Staining if used in Appropriate dosage	0.1 - 2%	As per the Application	As per the Application	As per the Application	Not to be used with finishing agents
33	Santin XPG	Anti Redepositing Agent	For zero tinting requirements	Denims and Multi Coloured Garments as an Anti Backstaining Agent And stripping Agent in Higher Dosage	Zero Back Staining, No colour migration	0.1 - 2%	As per Application	As per the Application	As per the Application	Not to be used with finishing agents
34	X - Brite	All purpose powerful detergent	For all kinds of washing off requirement	Stained, Dirty and dull materials especially Whites & coloured	Virtually neutral, Low Alkali, does not affect the colour, imparts excellent brightness.	0.5 - 2%	No need to adjust	30 - 35 C	10 - 30 Mins	
35	Exclor OS	Chlorine Neutralizer	Sodium Hypochlorite Neutraliser	Post Bleach Clean Up	100% removal of bleach, no residual bleach, no yellowing	1 - 2%	No need to adjust	Room Temp	10 - 20 Mins	Preferable to use twice
36	Clean R	General Purpose Washing Off Agent	Post Sulphur Dyeing	Sulphur Dyed Material	Water Based preparation, substitute acetic acid and sodium bicormate	1 - 2%	No need to adjust	Room Temp	10 - 20 Mins	
37	Proxil L	Peroxide Neutraliser	For Neutralising Hydrogen Peroxide	Padding / Exhaust	Eco friendly, Enzyme Based	1 - 4 g/l	4 - 8	30 - 70 C	10 - 20 Mins	
38	Nanotin L	Bath Conditioner	Can be used in all process of wet processing	Padding / Exhaust	Acclerates the performance of Textile Auxillaries and overall improvement in wet processing.	0.01 - 0.1 g/l	As per Application	As per the Application	As per the Application	Not to be used with finishing agents
39	Indilite PF	100% Phosphate Free Formulated Laccase Enzyme	Indigo Bleaching / Cast Modification	Indigo Dyed Denim Material	Rich Grey Cast, True Salt & Pepper type contrast, eco friendly	1 - 2%	4.5 - 5.5	55 - 65 C	15 - 30 Mins	