



Resonance Speciality Chemicals Pvt. Ltd.

PRETREATMENT

Scouring-Wetting-Detergent

PRODUCT	IONICITY	DOSAGE BY EXHAUST (gpl)	APPLICATION
RESOTEX FA-130	NONIONIC	0.2 - 0.3	Versatile product for knitted & woven cotton, viscose, polyester, polyamide, wool. Excellent oil and wax emulsifying properties with high detergency. Moderate foaming. APEO free. Jet/Kier/J-Box/Jigger machines.
RESOTEX LFGS	NONIONIC	0.4 - 0.6	Versatile product for knitted & woven cotton, viscose, polyester, polyamide, wool. Excellent oil and wax emulsifying properties with high detergency. Low foaming. APEO free. Jet/Kier/J-Box/Jigger machines.
RESOTEX JET	NONIONIC	0.5 - 0.75	Very high speed machines with low MLR. Excellent oil and wax moving properties. High detergency. Low foaming. APEO free.
RESOTEX NFHP	NONIONIC	0.5 - 0.6	Versatile product for knitted & woven cotton, viscose, polyester, polyamide, wool. Excellent oil and wax emulsifying properties with high detergency. Non foaming. APEO free. Jet/Kier/J-Box/Jigger machines.
RESOTEX DSB	ANIONIC	0.3 - 0.5	Super wetting agent especially for Terry towels. APEO free.
RESOTEX AWCM	ANIONIC	0.5 - 0.7	Wetting & Penetrating agent for knitted & woven cellulosic, polyester, silk, polyamide. Low foaming. APEO free.
RESOTEX DET PASTE	ANIONIC	1 - 2	Strong soaping agent for vat, sulphur and reactive dyes on cellulose. Scouring agent for wool. APEO free.
RESOTEX SAP	ANIONIC	0.5 - 2.0 (Depends on alkalinity of bath)	For strong alkali bath applications up to 190 gpl of caustic. In Jigger, J-Box. Excellent desizing, scouring. Removes PVA size. Low foaming. APEO free.
RESOTEX DWWF	ANIONIC	4 - 6	Desizing, Scouring of woven cellulosic fabric by Pad-Steam/Continuous process. Low foaming. APEO free.
RESOTEX VS	MILD ANIONIC	0.5 - 1	Cotton yarn pre-treatment. Cold scouring, kier boiling/cottage steamer. Strong emulsifying action for removal of fibre finishes, coning oils & loom oils while detergent action removes synthetic & natural sizes like PVA, CMC, Polyacrylates and Starches. Low foaming. APEO free.
RESOTEX MSA	ANIONIC/NONIONIC	2 - 4	Multi-scouring agent for cellulose and blends. Scouring-penetrating-peroxide stabilising properties. Reduces or completely replaces caustic chemicals in scouring bath. Low foaming. APEO free.
RESOTEX CAP	CRYPTOANIONIC	0.5 - 1	All scouring and soaping processes of cellulose and synthetics. Knitted and woven. Low foaming. APEO free.
RESOTEX WSA	CRYPTOANIONIC	0.5 - 1	Polyester/wool/polyamide. One bath scouring and dyeing of polyester. Low foaming. APEO free.
RESOTEX FAD	AMPHOTERIC	0.5 - 1	One bath scouring and dyeing of polyester. Synthetic size remover. Low foaming. APEO free.

Mercerizing Agents

PRODUCT	IONICITY	DOSAGE (%)	CHEMISTRY	APPLICATION
RESOTEX MW	ANIONIC	0.5 - 6.0 (depending upon yarn condition & structure of fabric)	Alkyl Sulphonate	Cresol free. High active, low foaming mercerising agent for cotton and cellulosic blends in yarn, woven and knits. Low foaming. APEO free.

Demineralising/Sequestering Agents

PRODUCT	IONICITY	DOSAGE (gpl)	CHEMISTRY	APPLICATION
RESOTEX PRIME	ANIONIC	0.5 - 1 (exhaust) 1 - 2 (continuous) 5 - 10 (Anti-catalytic treatment for linen & grey cotton contaminated with Fe, Cu, Zn by cold batch process)	Organic acids derivative	Protonic treatment of cotton knitted & woven fabric by exhaust, pad-batch applications. In built peroxide stabilising properties. Acid cracking mechanism
RESOTEX 3525	ANIONIC	0.5 - 1.5	Organic acids derivative	Completely chelates Ca, Mg and other metallic impurities

Hydrogen Peroxide Stabilisers

PRODUCT	IONICITY	DOSAGE	CHEMISTRY	APPLICATION
RESOTEX STBL	ANIONIC	1/10th of Peroxide	Substituted polycarboxylic acid	Silicate free alkaline hydrogen peroxide bleaching of cotton

Hydrogen Peroxide Killer

PRODUCT	IONICITY	DOSAGE	CHEMISTRY	APPLICATION
RZYME PKK	NONIONIC	0.3 - 1.5	Enzymatic	Enzymatic degradation of residual hydrogen peroxide
RESOTEX HPK	CATIONIC	0.5 - 1	Inorganic Salt	Total quenching of residual hydrogen peroxide

Anti-creasing Agent/Lubricant

PRODUCT	IONICITY	DOSAGE	CHEMISTRY	APPLICATION
RESOTEX ULTRA	NONIONIC	1 - 2	High MW polymer	Excellent lubricancy for Cotton & Synthetics. Dual viscosity product. Stable to Jet, HTHP, acids, alkalis, electrolytes

Defoamers

PRODUCT	IONICITY	DOSAGE	CHEMISTRY	APPLICATION
RESOTEX DFM	NONIONIC	0.05 - 0.3	Silicone Based	Jet Stable Silicon defoamer
RESOTEX HCNF	ANIONIC	0.05 - 0.3	Hydrocarbon based	Jet Stable anionic defoamer