

Zschimmer & Schwarz

SOFTENER

Edition: 25-02-20



ZSCHIMMER & SCHWARZ

Silicon softener by ZSM

	CEFASOFT MIS	CEFASOFT MSR	CEFASOFT MST	CEFASOFT SHD	CEFASOFT SMA	CEFASOFT SGL
substrate	all kind of fabric	all kind of fabric	all kind of fabric	cellulosics, synthetics	all kind of fabric	synthetics and mixed fabric
micro/macro	micro	micro	micro	micro	macro	macro
ionogenicity	non ionic	non ionic	non ionic	non ionic	non ionic	non ionic
handle	++++	++++	+++	+++ /+	++++	+++
smoothness	+++	++++	+++	+++	++++	++++
hydrophilie	++	++	++	++++	-	+
antistatic	++	++	++	+++	+	++
yellowing	from 160°C	from 160°C	from 160°C	from 160°C	from 160°C	from 160°C
exhaust process	++	++	++	++	++	++
padding process	+++	+++	+++	+++	+++	+++
bluesign® / GOTS 6.0 / 7.0			 	 		 
ZDHC Gateway	level 1	level 3	level 3	level 3	-	level 3



CEFASOFT MIS

- CEFASOFT MIS can be used on all types of fibres and gives them a natural inner softness

- CEFASOFT MIS gives the textile an excellent high elasticity and recovery capacity

- knitwear damage can be greatly reduced by CEFASOFT MIS by manufacture



- GOTS 6.0 / 7.0 approved, ZDHC Gateway™ product



CEFASOFT MSR

- CEFASOFT MSR gives an excellent and voluminous handle on knitwear

- CEFASOFT MSR is particularly suitable for washing and dry – cleaning resistant softener finishing of cellulosic fibres and wool

- the sewability of knitted fabrics is improved by CEFASOFT MSR

- CEFASOFT MSR especially improves elasticity and recovery of polyamide stockings



- ZDHC Gateway™ product



CEFASOFT MST

- CEFASOFT MST gives the textile a flowing, soft handle

- CEFASOFT MST is wash resistant and resistant to dry cleaning

- the use of CEFASOFT MST significantly improves the elasticity of knitted fabrics in particular



- CEFASOFT MST does not influence the color shade

- GOTS 6.0 / 7.0 approved, ZDHC Gateway™ product



CEFASOFT SHD

- CEFASOFT SHD gives the textile a very natural inner softness

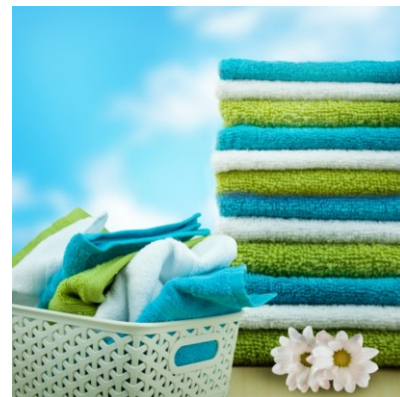
- CEFASOFT SHD preserves the hydrophilicity of the fabric and is particularly suitable for use in sportswear (moisture management), underwear and towels

- CEFASOFT SHD improves „wash-and-wear“ effects

- Textile finished with CEFASOFT SHD have very good over dyeing properties



- GOTS 6.0 / 7.0 approved, ZDHC Gateway™ product

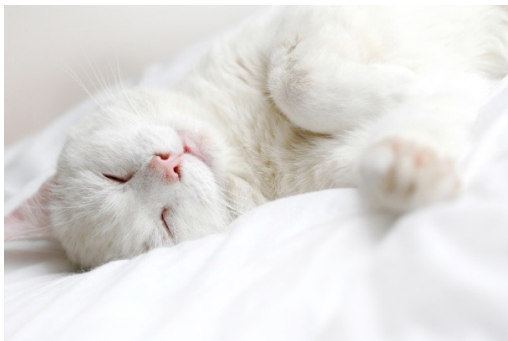


CEFASOFT SMA

- CEFASOFT SMA produce an attractive soft and smooth handle

- CEFASOFT SMA avoids knitwear damage during the manufacturing process

- CEFASOFT SMA significantly reduces the frictional resistance of textiles



- CEFASOFT SMA is particularly suitable as an additive for resin finishing due to the increase of technological properties

- CEFASOFT SMA deepens color shade



CEFASOFT SGL

- CEFASOFT SGL imparts a pleasant soft and very smooth handle to synthetic goods and their blends

- CEFASOFT SGL improves considerably the sewability and elasticity of knitwear

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- imitation furs obtain a very nice lustre and a high surface smoothness without sticking of the fibres by using of CEFASOFT SGL



- also in combination with resin finishes, CEFASOFT SGL reduces the loss of mechanical properties (resistance to tearing, abrasion resistance, crease resistance) of the fabric

- CEFASOFT SGL may deepens slightly color shade by using of high application amounts

- GOTS 6.0 / 7.0 approved, ZDHC Gateway™ product



Silicone – free softener / finishing additive

	ADULCINOL GV	ADULCINOL T 7515	CEFASOFT GW
substrate	all kind of fabric	all kind of fabric	cellulosic and mixed fabric
ionogenicity	cationic	cationic	non ionic
handle	++	+++	+++
smoothness	++++	++	+++
hydrophilie	++	+++	++
antistatic	++	++++	++
yellowing	180°C	180°C	190°C
exhaust process	+++	+++	++
padding process	+	++	+++
bluesign®/ GOTS 6.0 / 7.0	 	 	 
ZDHC Gateway	level 3	level 3	-



ADULCINOL GV

- ADULCINOL GV produces a very smooth handle with high surface smoothness

- classical raising agent, silicone - free

- ADULCINOL GV gives knitwear excellent sewability

- a very high anti yellowing enables a wide range o applications

- ADULCINOL GV is suitable for spraying technique

- GOTS 6.0 / 7.0 approved, ZDHC Gateway™ product

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ADULCINOL T 7515

- ADULCINOL T 7515 imparts a soft, smooth handle and very good anti-electrostatic effects to all kinds of fibres
- PAN-high bulk yarns obtain a very voluminous and soft handle
- ADULCINOL T 7515 shows outstanding hydrophilic properties, supports Moisture-Management treatment
- ADULCINOL T 7515 is very well suitable for use in spinning processes
- free from silicone, readily biodegradable and part of our Eco logic! range
- GOTS 6.0 / 7.0 approved, ZDHC Gateway™ product



CEFASOFT GW

- CEFASOFT GW is an silicon and AEEA-free alternative, which produces a very soft and supple handle

- sublimation and temperature resistant and up to 190°C yellowing resistant

- CEFASOFT GW significantly improves the sewability of knitwear, which avoids needle damage to stitches during manufacturing



- CEFASOFT GW is compatible with optical brighteners, resins and other finishing products

- CEFASOFT GW is suitable for softening of goods which are provided for pigment or transfer printing



- GOTS 6.0 / 7.0 approved
