



TEL: 0512-52721245
TEL: 0512-52723659
Address: Nanqiao Rd No.2, Shajiabang Town,
Changshu city, Jiangsu Province,
China. postcode 215542



Textile Chemical Brochure

江苏文理新材料科技有限公司

文理新材 WANLEE NEW MATERIALS

Jangsu Wanlee New Material Technology Co.,Ltd

公司简介

ABOUT US

江苏文理新材料科技有限公司是一家致力于纺织 化学品及有机硅新材料等系列产品的研发、生产、应 用为一体的高新技术型企业。

目前公司与大连理工大学展开合作, 陆续引进先进的研发、检测设备, 使我们的产品和技术得到不断的改良、完善与创新。

公司坚持并践行"服务 创新 守信 优质"的企业 理念 ,着力打造亮丽品牌,共创美好未来!

Jiangsu Wanlee New Material Technology Co.,Ltd is a high-tech enterprise focus on R&D, productionand appllication of textile chemicals.

Now Wanlee New material is cooperating with Dalian University of Technology, keep improving and updating our products and technologies by bringing in advanced production theory, production process and machines to offer our customers a better user experience.

Wanlee New material insist and practice our enterprise concept "service, innovation, honesty and superiorquality to building our good reputation and strong brand.Let' s work together to win a bilaterial good future.

企业理念

CORPORATE PHILOSOPHY

服务 创新 守信 优质 Service Innovation Honesty Superior quality



CATALOGUE

有机硅系列

SILICONE SERIES

硅油/特种乳液/消泡剂 ANTI POANNIS AGENT

软片、吸排 FATTY ACD SOFTENER/WICKING AGENT

PRE-TREATMENT

SCOURING/SEQUES LEHNG/WELLING

匀染/净洗/固色 LEVELING/SOAPING/FIXING

功能及其他 FUNCTIONAL & OTHER



Terpolymer Block Silicone Oil

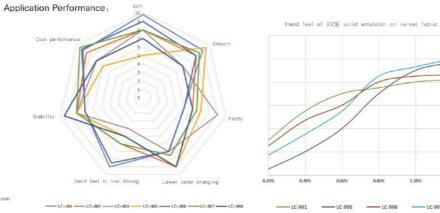
WANLEE LC Series

WANLEE LC series are new gener-

Product Brief:

ation terpolymer silicone oil with linear chain structure, they impart fabric with with finer smooth & soft hand feel. Good generality tha can be applied on both synthetic and natural fibers, especially smooth & soft hand feel on velvet fabric at small dosing, high cost effi-

above data are based on test and application, suggest users do their own evaluation before application.



新型三元嵌段硅油

Product name	Hand feel	Ionicity	Appearance	
Silicone Oil LC-991	Inner soft, fine	Cationic	Light yellow to transparent clear liquid	All kinds of fabric and garments, good filming property in low temperature
Silicone Oil LC-992	Smooth, elastic comprehensive	Cationic	Light yellow to transparent clear liquid	Synthetic velvet fabric.Impart fabric smooth, thick and fine hand feel.
Silicone Oil LC-993	Fluffy, elastic	Cationic	Light yellow to transparent clear liquid	Synthetic and its blends. Good fluffy & elastic hand feel.
Silicone Oil LC-995	Smooth, dry&comfortable	Cationic	Light yellow to transparent clear liquid	All kinds of fabric and garments, super smoothness.
Silicone Oil LC-996	Soft, smooth and fine	Cationic	Light yellow to transparent clear liquid	All kinds of fabric and garments, super softness.
Silicone Oil LC-997	Smooth, elastic and fine	Cationic	Light yellow to transparent clear liquid	All kinds of fabric and garments. Comprehensive hand feel of comfortable, thick and fine
Silicone Oil LC-998	Soft, smooth high stability	Non ionic/weak cationic	Light yellow clear liquid	Synthetic and its blends. Smooth & soft hand feel, high stability against anion.

Polyether Block Silicone Oil

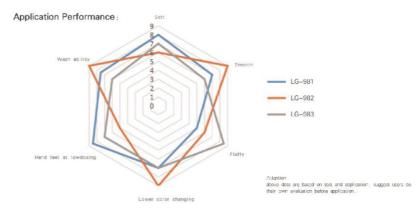
WANLEE LG Series

新型聚醚嵌段硅油

Product name	Hand feel	Ionicity	Appearance	Application range & character
Silicone Oil LG-981	Soft, smooth and fine	Cationic	Light yellow clear liquid	All kinds of fabric and garment, good generality
Silicone Oil LG-982	Elastic, smooth and thick	Cationic	Light yellow clear liquid	All kinds of fabric and garment.Comprehensive hand feel, outstanding soft & smooth
Silicone Oil LG-983	Fluffy and elastic	Cationic	Light yellow clear liquid	Synthetic and its blends, especially soft & elastic handle on velvet fabric
Silicone Oil LG-985	Soft and smooth	Cationic	Light yellow clear liquid	All kinds of fabric and garment
Silicone Oil LG-986	Smooth and elastic	Cationic	Light yellow clear liquid	All kinds of fabric and garment. comprehensive hand feel
Silicone Oil LG-987	Fluffy	Cationic	Light yellow clear liquid	Synthetic and its blends, especially inner soft & elastic handle on velvet fabric

Product Brief:

WANLEE® LG series are terpolymer silicone oil compounded by siloxane, polyamine and polyether, LG series has super penetration and quick absorbability, impart fabric and yarn outstanding smooth, soft and elastic hand feel. Self-emulsification and good stability in working solution.



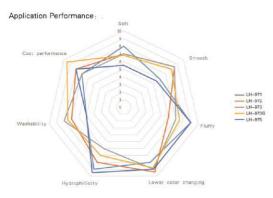


Hydrophilic Block Silicone Oil

WANLEE® LH Series

Product Brief:

WANLEE LH series are terpolymer modified quaternium based hydrophilic silicone oil with abundant polyether hydrophilic group, impart cotton and blends fabric special dry smooth, inner soft and good hydrophilicity. Nearly no yellowing.





高稳定、亲水型嵌段硅油

Product Name	Hand Feel	Ionicity	Appearance	Application & character
Hydrophilic Silicone Oil LH-971	Inner soft, fine	Cationic	Light yellow clear liquid	Cotton knit and terry towel. No yellowing, inner soft
Hydrophilic Silicone Oil LH-972	Soft, smooth	Weak cationic/non ionic	Light yellow clear liquid	Cotton. Good hydrophilicity and softness. Good stability against anion
Hydrophilic Silicone Oil LH-973	Soft, smooth, thick	Cationic	Light yellow clear liquid	Cotton. Good hydrophilicity and softness.
Hydrophilic Silicone Oil LH-973G	Soft, smooth, high-conc.	Cationic	Light yellow clear liquid	Cotton and terry towel, no yellowing, good hydrophilicity and softness
Hydrophilic Silicone Oil LH-975	Inner soft	Weak cationic/non ionic	Light yellow clear liquid	Cotton and synthetic fabrics. Super hydrophilicity, outstanding hand feel

Amino Silicone Oil

WANLEE® AM Series

氨基改性有机硅整理剂

Product Name	Amine Value	Viscosity	Appearance	Application & Character
WANLEE® AM929	0.6	1000-2000	Transparent liquid	General type, inner soft and smooth, high cost efficient
WANLEE® AM930	0.3	1000-2000	Transparent liquid	General type, smooth and bright, low yellow on fabric
WANLEE® AM931	0.4	4000-8000	Transparent to semi-transparent liquid	General type, smooth and soft. low yellowing
WANLEE® AM932	0.2	10000-20000	Transparent to semi-transparent liquid	Special structure, no yellow and shade change, super smooth and comfort handle on cotton
WANLEE® AM933	0.15	50000-100000	Transparent to semi-transparent liquid	Linear type, high viscosity with smooth and comfort handle, high brightness on cotoon
WANLEE® AM935	0.03	50000	Transparent to semi-transparent liquid	Special structure, used for deepnening of fabric, especially for sulphur and reactive black

Leather Silicone Emulsion

WANLEE® TL Series

皮革有机硅手感剂

				THE PART OF THE PA
Product Name	Active Content	Appearance	Application	Hand Feel & Advantage
WANLEE®TL936	30	Milky white liquid	Spray	High brightness & transparency, improve smooth&warm feeling of leather, enhance anti rubbing property
WANLEE®TL937	60	Milky white liquid	Spray, water tanning	High brightness & transparency, hand feel dry & comfort, enhance anti rubbing property
WANLEE®TL938	30	Transparent liquid	Water tanning	Super soft, smooth & fine handle, low yellow & shade change
WANLEE®TL939	30	Milky white liquid	Water tanning	Durable soft, anti wrinkle properties, especially suitable for artificial leath



Special Silicone Emulsion

WANLEE® TE Seriers

特种有机硅整理剂

Product Name	Silicone Type	Ionicity	Active Content	Appearance	Application Range And Character
WANLEE® TE629	Amino emulsion	Weak cationic/ non ionic	40%	Clear to light yellow liquid	General amino emulsion, soft, smooth & loose, cost efficient
WANLEE®TE630	Amino emulsion	Weak cationic/ non ionic	40%	Clear to light yellow liquid	General amino emulsion, good smooth & soft handle, low yellowing
WANLEE®TE631	Bright & smooth agent	Weak cationic/ non ionic	50%	Milky white liquid	Wool and its blends, good brightness and comfort hand feel
WANLEE® TE632	Bright & smooth agent	Weak cationic/ non ionic	50%	Milky white liquid	Cotton and its blends. Good brightness and elastic hand feel
WANLEE® TE633	Rising agent	Non ionic	60%	Milky white liquid	Raw material of rising agent for velvelt fabric
WANLEE® TE635	Deepening agent	Weak cationic/ non ionic	40%	Milky white liquid	Cotton and its blends, especially suitable for sulphur & reactive black, blue hue
WANLEE® TE636	Deepening agent	Weak cationic/ non ionic	40%	Milky white liquid	Polyester, nylon, cotton and its blends, red hue

Anti Foaming Silicone Emulsion

WANLEE® DF Series

有机硅抑泡剂、消泡剂

Product Name	Туре	Appearance	Application Range And Character
WANLEE® DF171	High temp	Milky white thick liquid	High-temp type, especially suitable for polyester
WANLEE® DF172	Room temp	Milky white thick liquid	Normal-temp type, cost efficient, good stability after diluting
WANLEE® DF173	Non silicone	Milky white thick liquid	Non-silicate, good stability against acid, alkali and high temp
WANLEE® DF175	Formulating type	Milky white thick liquid	Compound into pre-treatment and dyeing auxiliaries
WANLEE® DF100	Thickener	Milky white liquid	Compound into anti foaming agent to improve stability

Yarn Silicone Emulison

WANLEE® YF Series

纱线整理剂

Product Name	Silicone Type	Active Content	Appearance	Application & Character
WANLEE® YF661	Silicone wax	90%	Milky white	Lubricant of sewing thread, better high-temp stability
WANLEE®YF662	Dimethicone oil	100%	Transparent to light yellow liquid	Lubricant of sewing thread, medium viscosity
WANLEE® YF663	Dimethicone oil	100%	Transparent to light yellow liquid	Lubricant of sewing thread, low viscosity
WANLEE® YF665	Polyoxyethylene wax emulsion	35%	Milky white	Cotton fabric & yarn. Brightening & smooth agent, good hydrophilicity
WANLEE® YF666	Polyoxyethylene wax emulsion	35%	Milky white	Cotton fabric & yarn. Brightening & smooth agent, super smoothness

Printing Auxiliary

WANLEE® PT, PB Series

印花助剂

Product Name	Product Type	Appearance	Ionicity	Application Range And Character
WANLEE® PT10	Bio printing gum	Light yellow powder	Anionic	Low dosage, reactive printing, good color yielding, hand handle on cotton/viscose fabrics,no alginate
WANLEE® PT20	Bio printing gum	Light yellow powder	Anionic	Reactive printing, good color yielding, hand handle on cotton/viscose fabrics, no alginate
WANLEE® PT400	Reactive thickener	White to yellow paste	Anionic	Synthetic reactive printing thickener, using with algniate or its subsitute.
WANLEE® PT500	Pigment thickener	White to yellow paste	Anionic	Synthetic pigment thickener, good color, clear pattern,
WANLEE® PT600	Disperse thickener	White to yellow paste	Anionic	Synthetic disperse printing thickener, good
WANLEE® PT102	Pigment binder(NEO)	Milky white liquid	Anionic	Very good color fastness and hand feeling, no need fixing process, no need adding softener
WANLEE® PT001	Anti-bleeding agent	White to yellow paste	Anionic	Anti-penetrating and clear the pattern of pigment or disperse printing



Fatty Acid Softener

软片、软油精

Product Name	Туре	Appearance	Ionicity	
WANLEE® FL510	Softener pearl	Off white pearl	Weak cationic	Super softness
WANLEE®FL511	Softener flake	Light yellow flake	Weak cationic	Cost efficient
WANLEE® FL512	Softener flake	Off white pearl	Weak cationic/non ionic	High stability
WANLEE® FL513	Softener flake	Off white flake	Weak cationic	Cold water soluble
WANLEE® FL515	Softener flake	Off white flake	Weak cationic	Cold water soluble
WANLEE® FL517	Hydrophilic softener	Yellow thick liquid	Cationic	Good hydrophilicity, soft & fluffy hand feel
WANLEE® FL518	Hydrophilic softener	Yellow thick liquid	Cationic	Good hydrophilicity, soft & fluffy hand feel

Wicking & Anti Back Staining Agent

吸排、防染剂

Product Name	Туре	Appearance	Viscosity	Application & Character
WANLEE® FB520	Wicking agent	Yellow block	High	Outstanding fluffy handle, good hydrophilicity & anti static property
WANLEE® FB521	Wicking agent	Light yellow block	Medium	Good hydrophilicity, anti static property & washresistence, fluffy handle
WANLEE® FB522	Wicking agent	Light yellow block	Low	Esay diluting, wicking, anti static, soil release
WANLEE® FB523	Anti back staining block	Off white block	Low	Cold water soluble, anti back staining agent
WANLEE® FB525	Anti back staining block	Light yellow block	Low	Easy to use, anti back staining agent



Pre-treatment Products

Sequestering Agent

整合分散剂

		Appearance	Ionicity		Application & Character
WANLEE® LE101	Sequestering agent	Transparent to light yellow clear liquid	Anionic	7–9	Phosphorus free, good chelating for Ca2+, Mg2+.
WANLEE® LE102	Sequestering agent	Transparent to light yellow clear liquid	Anionic	1–3	Phosphorus free, good chelating for Ca2+, Mg2+.
WANLEE® LE103	Sequestering agent	White powder	Anionic	1-3	Phosphorus free, good chelating especially Fe3+

Wetting Agent

润湿渗透剂

		Appearance	Ionicity	Application & Character
WANLEE® LE150	Quick wetting agent	Transparent to light yellow clear liquid	Anionic	Quick wetting, for exhaust process in pre-treatment, dyeing and printing.
WANLEE® LE160	Non ionic penetrate agent	Transparent clear liquid	Non ionic	Super penetration, good stability with other auxiliaries
WANLEE® LE170	Alkali resistant penerate agent	Yellow clear liquid	Anionic/ non ionic	Phosphorus free, good stability against alkali, suitable for CPB
WANLEE® LE180	Mercerizing agent	Light yellow cleear liquid	Anionic	Alkali resistance >300g/l, suiper penetration in high alkali environment, suitable for cotton yarn and mercerizing process

service makes relationgship closer 11\12



Pre-treatment Products

Scouring & De-Oil Agent

去油精练剂

		Appearance	Ionicity	Application & Character
WANLEE® LE200	One bath de-oil agent	Transparent clear liquid	Non ionic	Emulsion type de-oil agent, outstanding emulsion & dispersing properties, it works in one bath process
WANLEE® LE220	Scouring&de-oil agent	Yellow clear liquid	Non ionic	Emulsion type de-oil agent, outstanding emulsion, dispersing and anti back staining properties, it works in one bath process
WANLEE® LE300	Scouring&de-oil agent	Yellow clear liquid	Anionic/ non ionic	Outsanding emulsion and dispersing properties, good for fibers including spandex
WANLEE® LE400	High efficient scouring agent	Yellow clear liquid	Non ionic	Cotton and its blends one bath process, good whitness and capillary effect
WANLEE® LE410	Low temp scouring agent	Transparent clear liquid	Non ionic	Cotton and its blends low–temp process(80°C), good whitness and capillary effect
WANLEE® LE500	Alkali resistant scouring agent	Transparent clear liquid	Anionic/ non ionic	Cotton and its blends, good penetration & emulsion. Alkali resistence to 80g/l
WANLEE® LE600	Enhanced type de-oil agent	Transparent clear liquid	Anionic/ non ionic	Solvent type de-oil agent, strong ability to remove heavy oil



Dyeing Auxiliaries

Leveling & Repairing Agent

匀染修补剂

Product Name	Туре	Appearance	Ionicity	Application & Character
WANLEE® LE301	High-temp leveling agent	Yellow clear thick liquid	Non ionic	High-con, good migration & retarding properties, no effect on colour hue
WANLEE® LE302	High-temp leveling agent	Yellow clear thick liquid	Non ionic	High-con, suitable for quick dye in high temp and pressure
WANLEE® LE303	High-temp dispersing agent	Yellow clear thick liquid	Anionic	Low foam high-temp dispersing, good stability in machine
WANLEE® LE320	High-temp leveling agent	Yellow clear thick liquid	Anionic/ non ionic	Comprehensive item, no effect on colour hue
WANLEE® LE321	High-temp leveling agent	Yellow clear thick liquid	Non ionic	Good migration&leveling properties
WANLEE® LE322	Cone dye levelig agent	Yellow clear thick liquid	Anionic/ non ionic	Super dispersing, especially good for cone dye, no inner–outside colour difference on fabric
WANLEE® LE330	Repairing agent	Light yellow liquid	Non ionic	Do not effect colorfastness
WANLEE® LE331	Repairing agent	Light yellow liquid	Anionic/ non ionic	Do not effect colorfastness
WANLEE® LE332	ECO carrier	Light yellow liquid	Non ionic	low temp dyeing of polyester and wool, high color pick-up
WANLEE® LE335	ECO carrier	Transparent liquid	Anionic/ non ionic	low temp dyeing of polyester and wool, high color pick-up, no smell



Other Leveling Agent

其他匀染剂

Product Name	Product Type	Ionicity	Appearance	Application & Character
WANLEE® LE340	Acid leveling agent	Anionic/ non ionic	Yellow brown clear liquid	High-con mononer, good retarding & migration
WANLEE® LE341	Acid leveling agent	Anionic/ non ionic	Yellow clear liquid	Good retarding & migration properties
WANLEE® LE342	Reactive leveling agent	Anionic	Transparent to light yellow clear liquid	Good solubilization & dispersing, improve compatibility of dyestuff
WANLEE® LE343	Anti sediment agent	Non ionic	Transparent liquid	Prevent sediment in one bath process of acrylic/wool, acrylic/cotton and acrylic/nylon
WANLEE® LE345	Acrylic leveling agent	Anionic	Transparent liquid	Outstanding retarding property





Dyeing Auxiliaries

Wash Off Agent

净洗剂

Product Name	Product Type	Appearance	Ionicity	Application & Character
WANLEE® LE401	No foam soaping agent	Transparent to light yellow clear liquid	Anionic/ non ionic	Reactive dye
WANLEE® LE402	Anti staining soaping agent	Transparent to light yellow clear liquid	Anionic/ non ionic	For reactive dye and printing
WANLEE® LE403	Acid soaping agent	Yellow clear liquid	Anionic/ non ionic	Reactive dye, save energy
WANLEE® LE559	Acid reduction cleaning agent	Transparent to semi-transparent liquid	Anionic	Use in acid environment to get same performance of sodium sulfite plus flake alkali
WANLEE® LE560	Acid reduction cleaning agent	Light yellow clear liquid	Anionic	Use in acid environment to get sameperformance of sodium sulfite plus flake alkali, odour free.
WANLEE® LE562	Acid reduction cleaning powder	White powder	Anionic	Use in acid environment to get same performance of sodium sulfite plus flake alkali



Fixing Agent

固色剂

Dyeing Auxiliaries

Product Name				
WANLEE® LE501	Acid fixing agent	Anionic	Dark red liquid	Best performance in pH=4
WANLEE® LE502	Acid fixing agent	Anionic	Dark red liquid	Need not adjust acid value
WANLEE® LE551	formaldehyde-free fixing agent	Cationic	Yellow to brown liquid	Reactive, direct dye, low effect to colour hue
WANLEE® LE552	formaldehyde-free fixing agent	Cationic	Light yellow clear liquid	Reactive, direct dye, low effect to colour hue
WANLEE® LE553	Turquoise blue fixing agent	Cationic	Yellow to brown clear liquid	Especially for turquoise blue color and green color
WANLEE® LE554	Wet rubbing improver	Cationic	Brown liquid	Improve wet rubbing 0.5–1 grad of cotton and cotton blends





Functional Auxiliary ^{功能助剂}



Product Name	Product Type	Appearance	Ionicity	Application & Character
WANLEE® GN705	Anti static agent	Transprent liquid	Non ionic	Various fabric, anti static&pilling, not effect hand feel
WANLEE® GN706	Anti static agent	White powder	Non ionic	Various fabric, anti static&pilling, not effect hand feel
WANLEE® GN707	Anti static agent	Yellow clear liquid	Cationic	Anti static&soil
WANLEE® GN708	pH controller	Transprent liquid	Anionic	Replacement of acetic acid
WANLEE® GN709	Reaction still cleaner	Transprent liquid	Zwitter	Cleaning of dye machines
WANLEE® GN710	Silicone remover	Light yellow clear liquid	Non ionic	Good emulsion and washing properties.

Enzyme _{酶制剂}

Product Name	Product Type	Appearance	Application & Character
WANLEE® GN610	Peroxide killer enzyme	Brown liquid	Remove the residue of hydrogen peroxide on fabric
WANLEE® GN611	Neutral bio polish enzyme	Brown liquid	Bio polishing finishing of cotton and blends
WANLEE® GN612	Acid bio polish enzyme	Brown liquid	Bio polishing finishing of cotton and blends
WANLEE® GN613	Desizing enzyme	Brown liquid	Cotton, polyester/cotton, viscose