



Jiaxing Top Chemical CO.,Ltd.  
拓海化工



*Quality is our TOP priority*

Leading Manufacturer of Polyurethanes,  
Water Repellants and Textile Chemicals

Polyurethanes for Technical Textiles and  
Synthetic leather

Water-repellants for various applications



# ABOUT TOP

## Company Profile: JIAXING TOP CHEMICAL CO., LTD.

### ### Overview

**JIAXING TOP CHEMICAL CO. LTD.**, headquartered in Jiaying, Zhejiang Province, China, is a leading enterprise specializing in the research, production, and international trade of fine chemicals. Our company is dedicated to providing high-quality chemical products and first-class services to customers worldwide. Our product range includes pharmaceutical intermediates, pesticide intermediates, dye intermediates, electronic chemicals, and other fine chemicals.

### ### Development and Strategy

Since its establishment, **JIAXING TOP CHEMICAL** has adhered to the business philosophy of "innovation-driven, quality-oriented, and customer-first." We have built advanced R&D laboratories and production facilities and established long-term partnerships with several renowned universities and research institutions at home and abroad. This ensures that we stay at the forefront of technology innovation and product development.





To meet the demands of the international market, **JIAXING TOP CHEMICAL** actively expands its global business. Our products are exported to North America, Europe, Southeast Asia, the Middle East, and many other countries and regions. The company has gained wide recognition and praise in the international market, becoming a long-term partner of many well-known international enterprises.

### ### Core Competencies

1. **\*Technological Innovation\***: We have a highly skilled R&D team continuously driving the development of new products and optimizing existing ones, aiming to provide innovative and efficient chemical solutions for our customers.
2. **\*Quality Control\***: **JIAXING TOP CHEMICAL** strictly implements the ISO9001 quality management system. We are equipped with advanced testing equipment and comprehensive quality control processes, ensuring stable and reliable product quality at every stage, from raw material procurement to finished product delivery.

# QUALITY CONTROL





# OFFICE AND PRODUCTION







# PLANT AND MACHINERY





# POLYURETHANES

Polyurethanes (PUs) are extraordinary and versatile polymeric materials having exceptionally balanced properties such as excellent flexibility, elasticity, a wide range of hardness, good tear strength, good abrasion resistance and good chemical resistance.

PUs have a variety of textile applications such as coated, laminated fabrics and widely used in synthetic leather Industries as adhesives and coatings.

Textiles made with polyurethane: innovation and versatility

Polyurethane is a very versatile material, present in many objects in our daily lives due to the great elasticity of its fibers, is widely used to make fabrics that facilitate freedom of movement and provide great comfort. It is especially suitable for sportswear and swimwear, but also for technical textiles such as medical ones, those used in furniture upholstery, automotive industry & footwear.

Innovation in sportswear and footwear

If the performance of polyurethane for textiles stands out in one area, it is sports. Moreover, due to their extraordinary lightness, elasticity and resistance, provides waterproofing, breathability, maximum traction and durability

Polyurethane also in lingerie and underwear

Comfort and breathability are essential features for underwear. The polyurethane also provides a soft touch, lightness and highlights the figure by adapting to the body perfectly.

Polyurethane accessories as an alternative to leather

Polyurethane bags are a vegan and sustainable option - made up of a recyclable and reusable material - flexible and pleasant to the touch. It thus becomes a real alternative to leather and animal skin

In addition to polyurethane systems for construction and industry, we offer polyurethane for the split leather industry, which can apply its advantages to belts or leather goods.

Protection in safety and industrial clothing

Polyurethane is also an extremely resistant material, to the point that it is used for the protection elements of motorcycling riders. Helmets, knee pads, gloves, shoulder pads, its lightness, flexibility and rigidity make polyurethane an effective material to reduce impacts and friction.

It is also an essential in technical textiles and work clothes. Personal protection equipment in the chemical, metallurgical, nuclear or mining industry gains resistance, reinforcement, lightness, insulation, flexibility, absorption, as well as protection against extreme temperatures, radiation or physical and chemical aggressions.



# PU ADHESIVES



## Solvent based Polyurethane (one component)

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus (Kg/cm2)	Tensile Strength(kg/cm <sup>2</sup> )	Elongation (%)	Solvent Composition	Characteristics & Performance	Usage
1	TC-4501	45±2	70-110K	20±5	≥00	≥00	DMF/EAC/TOL	High Fastness, Washable	Adhesive for Fabric to film/PVC
2	TC-6501	65±2	80 -120K	20±5	≥00	≥00	DMF/EAC/TOL	High Fastness, Soft touch	Adhesive for Fabric to fabric
3	TC-4502	45±2	90-140K	20±5	≥00	≥00	DMF/EAC/TOL	High Fastness, Washable	Adhesive for Fabric to fabric/film
4	LA-6010	40±2	80-120K	10-15	≥50	≥00	DMF/TOL	Super soft	Clothes
5	LA-3039	40±2	80-120K	25-30	≥00	≥00	DMF/TOL	Good adhesion	Clothes, Shoe
6	LA-4050	45±2	120-140K	30-40	≥00	≥50	DMF/TOL	PU, Semi-PU adhesive	Tent, decoration material
7	LA-50H	50±1	80k-120k	30-35	≥00	≥00	DMF TOL	Excellent adhesion	Clothes, shoes,
8	LA-35DT	35±1	120-140k	30-40	≥00	≥50	DMF TOL	PU,semi-PU adhesive	tent, decoration
9	LA-5015	50±1	80k-120k	10-20	≥00	≥00	DMF TOL	Excellent adhesion	Clothes, shoes,

# PU ADHESIVES



## Solvent based Polyurethane (Two-component adhesive)

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus Kg/cm2	Tensile Strength (kg/cm <sup>2</sup> )	Elongation (%)	Solvent Composition	Characteristics & Performance	Usage
1	LA-3066	50±2	80-120K	5-10	≥50	≥00	DMF/TOL	Good adhesive with PVC	Clothes, Shoe, luggage
2	LA-2063	60±2	80-120K	5-10	≥00	≥00	DMF/TOL	Good Adhesive, high Elasticity	Clothes, Shoe, luggage
3	LA-2603H	60±1	80-120K	5-10	≥00	≥00	DMF TOL	high washable, Excellent adhesion	shoes,luggage,Clothes
4	LA-6015	60±2	80-120K	5-10	≥00	≥00	DMF/TOL	High wash resistance, good pigment compatibility	Umbrella, Clothes
5	LA-6501	65±2	80-120K	15-20	≥50	≥00	DMF/TOL	Good elasticity, good adhesion	Four side elasticity
6	LA-8065	65±2	220-260K	15-20	≥00	≥00	DMF/TOL	Good adhesion	Base Adhesive
7	LA-8045	45±2	80-120K	10-15	≥50	≥50	TOL	Excellent adhesion and strong volatility	Base adhesive for film
8	LA-6502	65±1	80-120K	5-15	≥50	≥00	DMF TOL	soft, Excellent adhesion	shoes,luggage,Clothes
9	LA-6503	65±1	80-120K	5-15	≥50	≥00	DMF TOL	soft, Excellent adhesion	shoes,luggage,Clothes
10	LA-6505	65±1	80-120K	5-15	≥50	≥00	DMF TOL	soft, Excellent adhesion	shoes,luggage,Clothes
11	LA-6005	60±1	80-120K	5-10	≥00	≥00	DMF TOL	washable, Excellent adhesion	shoes,luggage,Clothes
12	LA-2615	65±1	80-120K	10-15	≥50	≥00	DMF TOL	washable, Excellent adhesion	shoes,luggage,Clothes
13	LA-70	70±1	80-120K	15-20	≥50	≥00	DMF TOL	Excellent adhesion	adhesion base



# PU ADHESIVES



## PVC Calendering Adhesive

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus (Kg/cm2)	Tensile Strength (kg/cm <sup>2</sup> )	Elongation (%)	Solvent Composition	Characteristics & Performance	Usage
1	TC-420D	30±2	100-140K	25±5	≥80	≥00	DMF/EDC/DCP	Normal type	Polyurethane Adhesive for Rain cape, Luggage, Bags
2	TC-420DS	30±2	100-140K	20±5	≥50	≥00	DMF/EDC/DCP	Normal type-soft	Polyurethane Adhesive for Rain cape, Luggage, Bags
3	TC-420DS-S	30±2	80-120K	15±5	≥00	≥00	DMF/EDC/DCP	Super Soft touch	For soft applications as required
4	TC-420DH	30±2	100-140K	35±5	≥00	≥00	DMF/EDC/DCP	Hard touch	Polyurethane Adhesive for Rain cape, Luggage, Bags
5	TC-420DH-S	30±2	100-140K	45±5	≥00	≥00	DMF/EDC/DCP	Extra-hard	Polyurethane Adhesive for Rain cape, Luggage, Bags
6	TC-420DT	30±2	80-120K	25±5	≥00	≥00	DMF/TOL	Normal type	Polyurethane Adhesive for Rain cape, Luggage, Bags
7	TC-600D	30±2	6-8K	20±5	≥50	≥00	DMF/EDC/DCP	Primary Fastness	Polyurethane Adhesive for Rain cape, Luggage, Bags
8	TC-600DH	30±2	6-8K	30±5	≥50	≥00	DMF/EDC/DCP	Hard touch	Polyurethane Adhesive for Rain cape, Luggage, Bags
9	TC-600DT	30±2	6-8K	20±5	≥50	≥00	TOL	Normal type	Polyurethane Adhesive for Rain cape, Luggage, Bags
10	TC-350	35±2	70-100K	35±5	≥50	≥00	DMF/TOL	High Fastness, Washable	Polyurethane Adhesive for Fabric to PVC

# PU RESINS



## Dry Process –Surface coating - Solvent based Polyurethane (one component) dry process surface coating

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus (Kg/cm2)	Tensile Strength kg/cm <sup>2</sup>	Elongation %	Solvent Composition	Characteristics & Performance	Usage
1	LS-1010	30±1	80-120K	5—10	≥300	≥500	DMF TOL	Extra soft, non-sticky extra soft, on sticky	waterproof coating
2	LS-130	30±1	80-120K	20—30	≥400	≥500	DMF TOL	Extra soft, Not affecting the sticker	waterproof coating
3	LS-130N	30±1	80-120K	20—30	≥400	≥500	DMF TOL	Extra soft, good smooth surface	Release paper
4	LS-130B	30±1	80-120K	20—30	≥400	≥500	DMF TOL	Extra soft, good compatibility with PA	waterproof coating
5	LS-150	30±1	80-120K	45—55	≥400	≥500	DMF TOL	soft, non-sticky	Clothes, waterproof coating
6	LS-150D	30±1	80-120K	45—55	≥400	≥500	DMF TOL	soft, good compatibility with PA	Clothes, waterproof coating
7	LS-350	35±1	80-120K	45—55	≥400	≥500	DMF TOL	soft, non sticky, high water pressure proof	waterproof coating
8	LS-180	30±1	80-120K	70—90	≥400	≥500	DMF TOL	medium Hard hand feeling, good pigment Dispersibility performance	Clothes, waterproof coating
9	LS-180F	30±1	80-120K	70—90	≥400	≥500	DMF TOL	medium Hard hand feeling, good pigment Dispersibility performance	waterproof coating
10	LS-180G	30±1	80-120K	70—90	≥400	≥500	DMF TOL	medium Hard hand feeling, good pigment Dispersibility performance	Conductive film PU
11	LS-180D	30±1	80-120K	70—90	≥400	≥500	DMF TOL	medium Hard hand feeling, good compatibility with PA	Clothes, waterproof coating
12	LS-143G	30±1	80-120K	140—160	≥400	≥400	DMF TOL	Hard hand feeling, Mirror surface, good pigment Dispersibility performance	Clothes, waterproof coating
13	LS-1150	30±1	80-120K	140—160	≥400	≥400	DMF TOL	Hard hand feeling, Mirror surface, good pigment Dispersibility performance	Clothes, waterproof coating
14	LS-3400	30±1	80-120K	380—420	≥400	≥400	DMF TOL	Hard hand feeling, good pigment Dispersibility performance, good	waterproof coating, shoes, luggage
15	LS-8080	30±1	80-120K	380—420	≥400	≥400	DMF TOL	Hard hand feeling, Mirror surface, good pigment Dispersibility performance	waterproof coating, luggage



# PU RESINS



## Hydrostatic pressure resins

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus (Kg/cm2)	Tensile Strength(kg/cm <sup>2</sup> )	Elongation %	Solvent Composition	Characteristics & Performance	Usage
1	LS-50HV	45±1	100-160K	45-50	≥350	≥550	DMF TOL	Good Water pressure resistance	Clothes, waterproof coating
2	LS-520N	50±1	100-160K	15-25	≥350	≥550	DMF TOL	Soft, Good Water pressure resistance	Clothes, water proof coating
3	LS-520H	50±1	100-160K	15-25	≥400	≥400	DMF TOL	Soft, Good Water pressure resistance	Clothes, waterproof coating
4	LS-540	50±1	100-160K	40-60	≥500	≥500	DMF TOL	Matting, Good Water pressure resistance	Clothes, waterproof coating
5	LS-540HH	50±1	100-160K	40-60	≥500	≥500	DMF TOL	extra matting, Good Water pressure resistance	Clothes, waterproof coating
6	LS-5040	50±1	100-160K	40-60	≥500	≥550	DMF TOL	glossy, Good Water pressure resistance	Clothes, waterproof coating
7	LS-5110	50±1	100-160K	100-120	≥350	≥300	DMF TOL	Hard, Good Water pressure resistance	Clothes, waterproof coating
8	LS-5110B	50±1	80-140K	80-110	≥350	≥300	DMF TOL	Hard cold resistance, Good Water pressure resistance	Clothes, waterproof coating
9	LS-6060	60±1	100-160K	40—60	≥400	≥450	DMF TOL	Good Water pressure resistance	Clothes, waterproof coating
10	LS-602	60±1	100-160K	40—60	≥400	≥450	DMF TOL	Good Water pressure resistance, good pigment Dispersibility performance	Clothes, waterproof coating

# PU RESINS



## Cold, Anti-Hydrolysis Resistance

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus (Kg/cm <sup>2</sup> )	Tensile Strength kg/cm <sup>2</sup>	Elongation %	Solvent Composition	Characteristics & Performance	Usage
1	LS-9030	30±1	80-120K	20-25	≥350	≥550	DMF TOL	Cold resistance ,flexural endurance	clothes
2	LS-9050	30±1	80-120K	40-50	≥350	≥550	DMF TOL	Cold resistance, flexural endurance	clothes
3	LS-9080	30±1	80-120K	60-80	≥350	≥550	DMF TOL	High Cold resistance, anti- hydrolysis ,flexural endurance	clothes
4	LS-9100	30±1	80-120K	90-110	≥400	≥400	DMF TOL	high Cold resistance, anti- hydrolysis, flexural endurance	clothes, shoes, luggage
5	LS-50NG	30±1	80-120K	50-60	≥500	≥500	DMF TOL	high wear resistance, anti- hydrolysis ,Cold resistance flexural endurance	shoes, luggage
6	LS-303	33±1	80-120K	30-40	≥500	≥550	DMF TOL	High temperature resistance, normal anti-hydrolysis	waterproof coating, shoes, luggage
7	LS-70E	30±1	80-120K	60-80	≥350	≥550	DMF TOL	High temperature resistance 220 degree, extra matting resin	waterproof coating
8	LS-150E	30±1	80-120K	40-50	≥400	≥450	DMF TOL	High temperature resistance, anti- hydrolysis	shoes, luggage
9	LS-190E	30±1	80-120K	80-90	≥550	≥400	DMF TOL	High temperature resistance,anti- hydrolysis	shoes, luggage
10	LS-35FG	33±1	80-120K	20-25	≥350	≥550	DMF TOL	Matting skin surface	waterproof coating, leather



# PU RESINS



## Non Yellowing Resistance

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus	Tensile Strength kg/cm <sup>2</sup>	Elongation %	Solvent Composition	Characteristics & Performance	Usage
1	LS-6040	39±1	80-120K	30-40	≥200	≥400	DMF TOL	non yellowing, soft, high solid content	Clothes, shoes,
2	LS-6080	30±1	80-120K	60-80	≥350	≥400	DMF MEK TOL	non yellowing, medium hard, good pigment Dispersibility performance	shoes, luggage
3	LS-9680	30±1	80-120K	60-80	≥650	≥350	DMF MEK TOL	non yellowing, medium hard, cold resistance anti-hydrolysis	shoes, luggage
4	LS-9630	30±1	80-120K	20-30	≥200	≥600	DMF MEK TOL	non yellowing, wear resistance, cold resistance, anti-hydrolysis	shoes, luggage, Clothes

## Breathable Resins

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus	Tensile Strength kg/cm <sup>2</sup>	Elongation %	Solvent Composition	Characteristics & Performance	Usage
1	LS-5126	30±1	60-120K	20-30	≥200	≥600	DMF TOL	High moisture vapor transmission coating	Clothes
2	LS-5128	30±1	60-120K	20-30	≥250	≥600	DMF TOL	High moisture vapor transmission coating	Clothes
3	LS-91	30±1	60-120K	20-30	≥250	≥600	DMF TOL	High moisture vapor transmission coating	Clothes
4	LA-6416	45±1	80-120K	15-20	≥400	≥600	DMF TOL	One component medium moisture vapor transmission	Clothes
5	LA-6418	45±1	80-120K	5-10	≥450	≥600	DMF TOL	two component base High moisture vapor transmission high water pressure resistance,	Clothes
6	LA-7918	45±1	80-120K	5-10	≥450	≥600	DMF TOL	two component base High moisture vapor transmission washable	Clothes
7	LA-7955	55±1	80-120K	5-10	≥450	≥600	DMF TOL	two component base High moisture vapor transmission washable	Clothes
8	LA-7966	55±1	80-120K	5-10	≥450	≥600	DMF TOL	two component base High moisture vapor transmission high water pressure resistance,	Clothes
9	LA-7988	55±1	80-120K	5-10	≥450	≥600	DMF TOL	two component base High moisture vapor transmission high water pressure resistance,	Clothes
10	LS-15M	30±1	40-60K	20-30	≥250	≥600	DMF TOL	High transparency, film casting	

# PU RESINS



## Wet process

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus	Tensile Strength kg/cm <sup>2</sup>	Elongation (%)	Solvent Composition	Characteristics & Performance	Usage
1	LW-1008	30±	140—70K	6—	≥50	≥400	DMF	extra soft, good coagulation	Clothes
2	LW-1025P	30±	140—70K	19—3	≥00	≥00	DMF	extra soft, good coagulation, smooth feeling and plentiful	Clothes
3	LW-1026	30±	140—70K	20—5	≥50	≥00	DMF	soft, good Film-forming property	Clothes
4	LW-1030	30±	140—70K	25—0	≥00	≥00	DMF	soft, good Film-forming property	Clothes, shoes
5	LW-1031	29±	140—70K	25—0	≥00	≥00	DMF	soft, good Film-forming property	Clothes, shoes
6	LW-1032	30±	140—70K	30—5	≥00	≥00	DMF	soft, good Film-forming property, good elongation	Clothes
7	LW-1033	30±	140—70K	30—5	≥00	≥00	DMF	soft, good Film-forming property	Clothes, shoes
8	LW-1034	30±	140—70K	30—5	≥00	≥00	DMF	soft, good Film-forming property	clothes, shoes
9	LW-1035	30±	60—0K	30—5	≥00	≥00	DMF	soft	Clothes,shoes,luggage
10	LW-1036	30±	130—50K	30—5	≥00	≥00	DMF	Nubuck type, smooth feeling	Clothes,shoes,luggage
11	LW-1030NK	30±	130—70K	30—5	≥00	≥50	DMF	Nubuck type, smooth feeling	Clothes,shoes,luggage
12	LW-1040	30±	100—40K	40—5	≥50	≥00	DMF	good embossing property normal	ball
13	LW-1041	30±	100—40K	40—5	≥50	≥50	DMF	good embossing property wear resistance	ball
14	LW-1042	30±	100—40K	40—5	≥50	≥50	DMF	high peeling off strength high temperature	ball
15	LW-1050	30±	100—40K	50—0	≥00	≥50	DMF	good embossing property used for pigment	shoes, luggage
16	LW-1051	30±	100—40K	50—0	≥00	≥50	DMF	Nubuck type, smooth feeling	shoes, luggage
17	LW-1055	30±	100—40K	50—0	≥00	≥50	DMF	good embossing property, high peeling off strength	shoes, ball
18	LW-1056	30±	100—40K	30—5	≥00	≥00	DMF	good Film-forming property, good embossing property	shoes, ball
19	LW-1058	30±	100—40K	30—5	≥00	≥00	DMF	high peeling off strength, high light resistance	shoes,

# PU RESINS



## Wet process 2

	Item number	Solid content	Viscosity CPS/25°C	100% Modulus (Kg/cm2)	Tensile Strength kg/cm <sup>2</sup>	Elongation (%)	Solvent Composition	Characteristics & Performance	Usage
1	LW-1059	30±	100—40K	50—5	≥50	≥50	DMF	high peeling off strength good embossing property	shoes,ball
2	LW-1050NK	30±	100—40K	50—5	≥50	≥00	DMF	Nubuck type, smooth feeling	shoes,
3	LW-1050B	30±	100—40K	50—5	≥00	≥00	DMF	good Film-forming property	shoes,
4	LW-1060	30±	100—40K	60—0	≥50	≥50	DMF	normal	shoes,luggage,ball
5	LW-1061	30±	100—40K	60—0	≥00	≥50	DMF	good embossing property, waxy feel	ball
6	LW-1070	30±	100—40K	75—5	≥50	≥50	DMF	high cold resistance, good desolvation of DMF	Clothes
7	LW-1080NK	30±	100—40K	75—5	≥50	≥50	DMF	Nubuck type, smooth feeling	shoes,
8	LW-1085	30±	100—40K	85—5	≥00	≥00	DMF	good embossing property, good desolvation of DMF	Clothes
9	LW-1090	30±	100—40K	85—5	≥00	≥00	DMF	hard, normal	shoes,luggage
10	LW-1700	30±	100—40K	175—85	≥00	≥50	DMF	hard, normal	shoes,luggage
11	LW-1240	30±	100—40K	230—50	≥00	≥00	DMF	extra hard, normal	luggage,ball
12	LW-1250	30±	100—40K	230—50	≥00	≥50	DMF	high peeling off strength	luggage,ball
13	LW-1280	30±	100—40K	270—90	≥00	≥00	DMF	good Film-forming property	shoes,luggage
14	LW-1300	30±	100—40K	290—20	≥00	≥00	DMF	extra hard, high glossy	shoes,luggage



# WATER REPELLENT



Water Repellent is a processing agent that covers the surface of fiber by nanoparticle compound and gives the fabric excellent water repellency. It also provides washing durability.

The advantage of this finishing is that it can keep the original hand of fabric itself without losing air permeability since it is not coating finish covering the fabric completely with thick resins.

Water repellent technologies have evolved a great extent since being introduced to the textile industry. The basis of achieving water repellent property to textiles is 'hydrophobicity', which means 'fear of water' or 'lack of affinity for water'. Water repellency is achieved by lowering the surface energy of the fabric so that water will "bead" on the surface and won't "wet out" the fabric (or garment).

Water repellent is often used for the final goods; Outdoor garments, Suit, Coat, Umbrella, Carpet, Surgical gown, Automotive engine filter, etc....

## C8 Series - C8 Water & Oil repellent agent

Item name	Structure type	Ionicity	pH Value	Solid Content	Characteristics & Performance	Usage and application
TC-490A	Acrylic-based	Cationic	2-5	32±1	The fabric has good versatility & stable performance, Anti-sticking properties with the calendaring roller, cost-effective	Single Fabric waterproof treatment
TC-4916	Acrylic-based	Weak Cationic	2-5	32±1	Good stability, excellent compounding performance and good sustainability	Single Fabric waterproof treatment
TC-851B	Acrylic-based	Cationic	2-5	30±1	The fabric has good versatility	Triple repellency, Water, oil & dirt three-proof treatment
TC-851pro	Acrylic-based	Cationic	2-5	30±1	Super water-repellency and oil-proof performance	High-performance triple repellency Water, oil & dirt, three-proof treatment
TC-850F	Acrylic-based	Non-ionic	2-5	30±1	Excellent low temperature performance, suitable for bleaching or whitening fabrics	three-proof treatment, anionic additive co-bath treatment, etc.
TC-821W	Acrylic-based	Cationic	2-5	30±1	Excellent wash resistance and high peeling strength	High-Washable , High-performance double repellency, Water & oil, three-proof treatment

# WATER REPELLENT



## C6 Series - C6 Water & Oil repellent agent

Item name	Structure type	Ionicity	pH Value	Solid Content	Characteristics & Performance	Usage and application
TC-610	Acrylic-based	Cationic	2-5	30±1	The fabric has good versatility & stable performance & cost-effective	Single Fabric waterproof treatment
TC-650	Acrylic-based	Cationic	2-5	32±1	The fabric has good versatility, Water & oil resistance	double repellency Water & oil
TC-621W	Acrylic-based	Cationic	2-5	30±1	The fabric has good versatility & Excellent wash resistance	Excellent wash resistance Excellent wash resistance double repellency -Water & oil

## C0 Series - C0 Fluorine-Free Water repellent agent

Item name	Structure type	Ionicity	pH Value	Solid Content	Characteristics & Performance	Usage and application
TC-03A	Acrylic-based	Cationic	2-5	30±1	The fabric has good versatility and excellent initial performance	Single Fabric waterproof treatment
TC-03F	Acrylic-based	Cationic	2-5	32±1	Good stability, excellent compounding performance and good sustainability	Single Fabric waterproof treatment
TC-05P	Polyurethane	Cationic	2-5	30±1	The fabric has good versatility & Excellent wash resistance	Fabric and leather waterproof treatment