



TIANCHEN
— LATEX INDUSTRY —



ZHEJIANG TIANCHEN LATEX INDUSTRY CO.,LTD

ABOUT US

Zhejiang Tianchen Latex Industry Co., Ltd. established in 2011, is located in Zhengjiawu Development Zone, Pujiang County, Zhejiang Province. It is a national high-tech enterprise specialized in the manufacture and sales of synthetic latex (Nitrile Latex, SBR Latex, Pyridine Latex, etc.). Products are widely used in medical gloves, household industrial gloves, tire cord fabrics, conveyor belts, white cardboard, coated paper, recycled leather, shoe materials, printing and dyeing, carpets, artificial turf, non-woven fabrics, cement, building materials and other fields.

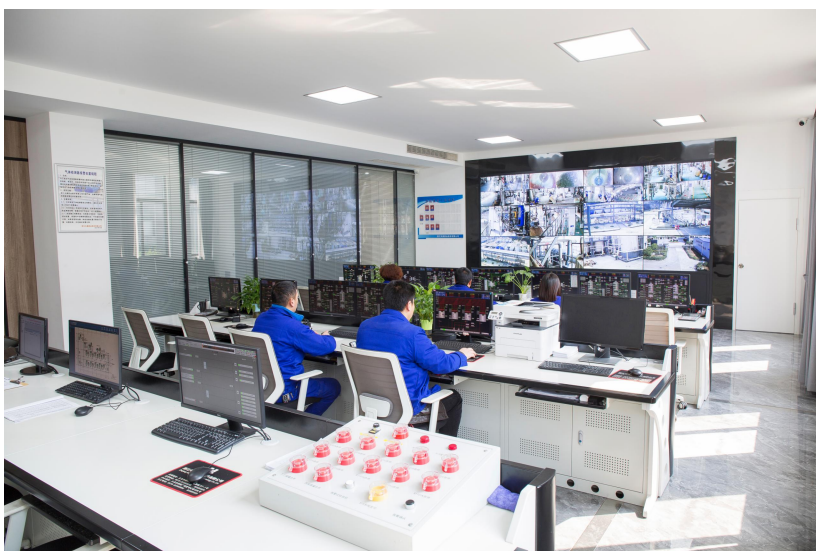
Tianchen is a national-level specialized and special "little giant" in China's latex field, it is a Chinese provincial-level scientific and technological little giant, and it is a leading "double giant" enterprise integrating R&D and production in the industry. Currently it serves as a member unit of the Synthetic Glue Sub-Technical Committee of the China Glue and Glue Products Standardization Committee, and it is also a vice-chairman unit of the Synthetic Latex Branch of the China Synthetic Glue Industry Association. As one of the Chinese national standard-setting units for carboxylated nitrile latex, carboxylated butylpyrrole latex and carboxylated styrene-butadiene latex, it has established long-term cooperative relationships with many leading companies in the industry. At the same time, we are also a strategic partner and joint stock company of INTCO MEDICAL (300677). The company cooperates closely with many universities and is the first post-doctoral workstation in Pujiang County.

The company has more than 10 advanced production lines, with an annual production capacity of 300,000 tons of SBR Latex, Nitrile Latex and Pyridine Latex.. It covers an area of 60 mu, with a total investment of 400 million yuan. All production lines adopt the most advanced instruments, like DCS automatic control system and ESD safety control system from E&H in the United States, Toledo in Germany and Yokogawa in Japan. With intelligent manufacturing and advanced technology, the products can be produced in batches of 600 tons, which fully guarantees the excellence of products and the stability of quality. It ranks among the best for its variety and large scale, advanced technology, high degree of automation and strong R&D and innovation vitality.

FACTORY ENVIRONMENT



▲ R&d Testing Center



▲ Central Control



▲ Producing Department

QUALIFICATION CERTIFICATE



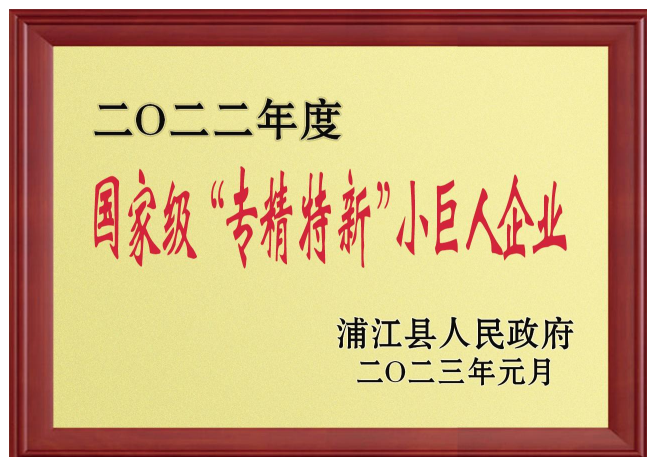
Quality Management System



Environmental Management System



Occupational Health and Safety Management System



State-level "Specialized, Specialized and New" Small Giant Enterprises



Provincial Specialized Small Enterprises




First Vice President Unit



Zhejiang Postdoctoral Workstation

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SBR Latex for Coated Paper



Feature

- Excellent mechanical and chemical stability.
- High adhesion.
- High shear hydrodynamic properties.
- Good paper surface and printing gloss.

Applicability

- Widely used in coated paper and whiteboard paper, the coating has excellent nap strength, gloss, and ink retention, which can ensure stable operation.

Technical Index

ITEM \ TYPE	TC-S110	TC-S115
Exterior	Milky white with blue light lotion	
Solid Content	50±1%	50±1%
pH	6.5~8.5	6.5~8.5
Viscosity	≤300mPa.s	≤300mPa.s
Application	Undercoat	Topcoat
Shipping Conditions	Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions. It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.	

SBR Latex for Artificial Turf



Feature

- Excellent mechanical and chemical stability.
- Strong adhesion, high filler ratio, small foam.
- Moisture-proof, isolation, flame-retardant, quick-drying and excellent dimensional stability.
- Strong penetration, environmental protection.

Technical Index	
ITEM \ TYPE	TC-S210
Exterior	Milky white with blue light lotion
Solid Content	50±1%
pH	6.0~8.0
Viscosity	≤300mPa.s
Shipping Conditions	<p>Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions.</p> <p>It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.</p>

SBR Latex for Carpet



Feature

- Excellent mechanical and chemical stability.
- Strong adhesion, high filler ratio, small foam.
- Moisture-proof, isolation, flame-retardant, quick-drying and excellent dimensional stability.
- Strong penetration, environmental protection.

Technical Index	
ITEM \ TYPE	TC-S310
Exterior	Milky white with blue light lotion
Solid Content	50±1%
pH	6.0~8.0
Viscosity	≤300mPa.s
Shipping Conditions	<p>Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions.</p> <p>It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.</p>

SBR Latex For Shoe Materials



Feature

- Excellent mechanical and chemical stability.
- Extremely strong adhesiveness.
- Long-lasting flex resistance.
- Good permeability, suitable for shoe midsole.
- Excellent water resistance performance.

Technical Index

		Technical Index	
ITEM \ TYPE		TC-S415R	TC-S425
Exterior		Milky white with blue light lotion	
Solid Content		48~50%	48~50%
pH		7.0~9.0	7.0~9.0
Viscosity		≤200mPa.s	≤200mPa.s
Shipping Conditions		<p>Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions.</p> <p>It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.</p>	

SBR Latex for Masking Tape



Feature

- Used in the production of textured paper, so that the textured paper has high tensile strength, good impermeability and high temperature resistance.

Technical Index

Technical Index	
ITEM \ TYPE	TC-S515R
Exterior	Milky white with blue light lotion
Solid Content	50±2%
pH	5.5~7.5
Viscosity	50~250mPa.s
Shipping Conditions	Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions. It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.

SBR Latex for Leather Regeneration



Feature

- Excellent mechanical and chemical stability.
- Strong adhesive force.
- Excellent softness and toughness.
- No pungent smell, environmentally friendly material.

Applicability

- It is used to replace natural latex and is scientifically formulated for the production of recycled leather.

Technical Index

Technical Index	
ITEM \ TYPE	TC-S606
Exterior	Milky white with blue light lotion
Solid Content	48~50%
pH	6.0~9.0
Viscosity	≤300mPa.s
Shipping Conditions	<p>Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions.</p> <p>It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.</p>

High Solid SBR Latex



Feature

- Excellent mechanical and chemical stability.
- Good adhesion, stability and fluidity.

Technical Index

Technical Index	
ITEM \ TYPE	TC-S750R
Exterior	Milky white with blue light lotion
Solid Content	70±2%
pH	6.8~8.5
Viscosity	< 300mPa.s
Shipping Conditions	Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions. It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.

Foamed SBR Latex



Feature

- Ultra-high hardness, foamability.

Applicability

- Main used for latex mattresses, latex pillows and other foamed latex products.

Technical Index

Technical Index	
ITEM \ TYPE	TC-S845
Exterior	Milky white with blue light lotion
Solid Content	≥49%
pH	7.0~9.0
Viscosity	0~500mPa.s
Shipping Conditions	Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions. It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.

Special SBR Latex



Feature

- Excellent mechanical and chemical stability.
- Strong adhesiveness .
- Excellent water resistance.
- Anti-aging properties and good flexibility.
- Non-irritating smell, environmental protection.
- Customized production can be made according to customer needs.

Technical Index

Technical Index	
ITEM \ TYPE	TC-S901
Exterior	Milky white with blue light lotion
Solid Content	48~50%
pH	7.0~9.0
Viscosity	≤300mPa.s
Shipping Conditions	<p>Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions.</p> <p>It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.</p>

Medical Nitrile Latex



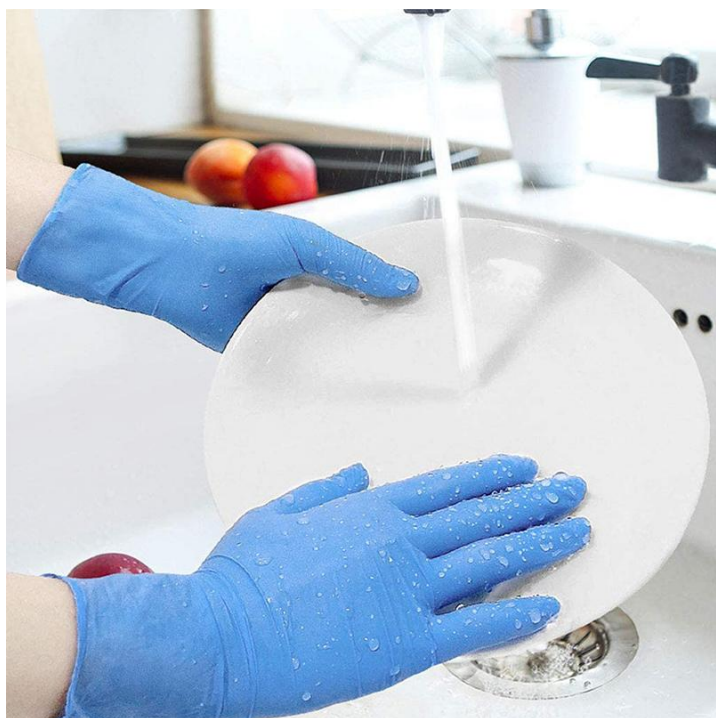
Application

- Mainly used in the production of medical examination gloves.

Technical Index

		Technical Index	
ITEM	TYPE	TC-N130R	TC-N135R
Exterior		Milky white with blue light lotion	
Solid Content		44±1%	41±1%
pH		7.5~9.0	7.5~9.0
Surface Tension		≤50mN/m	≤50mN/m
Viscosity		≤100mPa.s	≤100mPa.s
Shipping Conditions		<p>Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions.</p> <p>It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.</p>	

Labor Protection Nitrile Latex



Feature

- Non-carboxylated butadiene, acrylonitrile binary copolymer emulsion.
- Excellent toughness.

Technical Index

ITEM \ TYPE	TC-N230R	TC-N231R	TC-N235R
Exterior	Milky white with blue light lotion		
Solid Content	45±1%		
pH	7.5~8.5		
Surface Tension	≤50mN/m		
Viscosity	≤100mPa.s		
Shipping Conditions	Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions. It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.		

Adhesives Nitrile Latex



Application

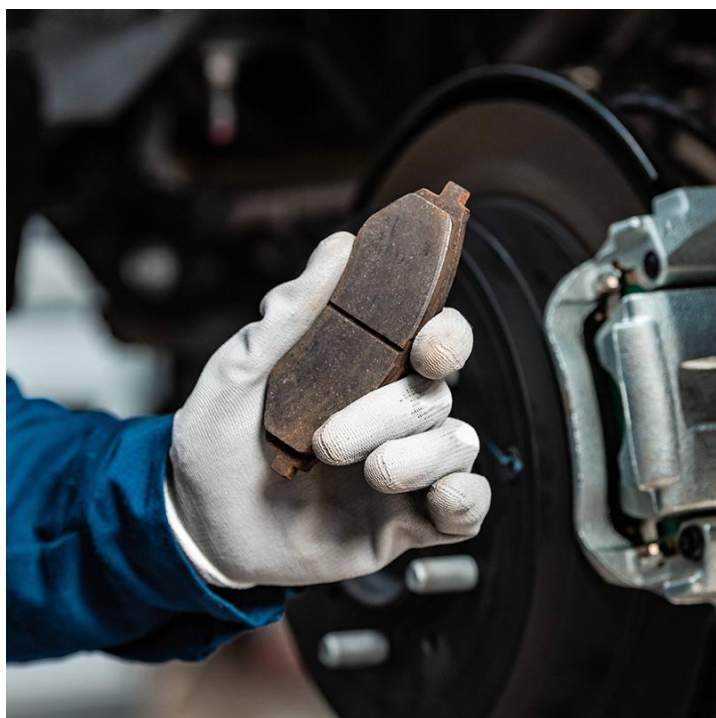
- It can be widely used in the manufacture of various oil-resistant rubber products, oil-resistant gaskets, gaskets, sleeves, flexible packaging, soft hoses, printing and dyeing rubber rollers, cable rubber materials, etc.

It has become an indispensable elastic material in industries such as ships, automobiles and aviation, like ship painting application and deck coating application.

Technical Index

Technical Index	
ITEM \ TYPE	TC-N340R
Exterior	Milky white with blue light lotion
Solid Content	≥44%
pH	8.5~10.0
Surface Tension	≤50mN/m
Viscosity	≤200mPa.s
Shipping Conditions	<p>Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions.</p> <p>It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.</p>

Nitrile Powder



Application

- High combination of nitrile, can be condensed into powder process to prepare powdered nitrile glue, which is used in brake pads and other fields.

Technical Index

Technical Index	
ITEM \ TYPE	TC-N452R
Exterior	White
Solid Content	36±2%
pH	8.0~10.0
Viscosity	0~100mPa.s
Shipping Conditions	Stored in a cool and ventilated environment with degree of 5-40°C. Three months in summer and six months in winter under indoor conditions. It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.

Pyridine Latex

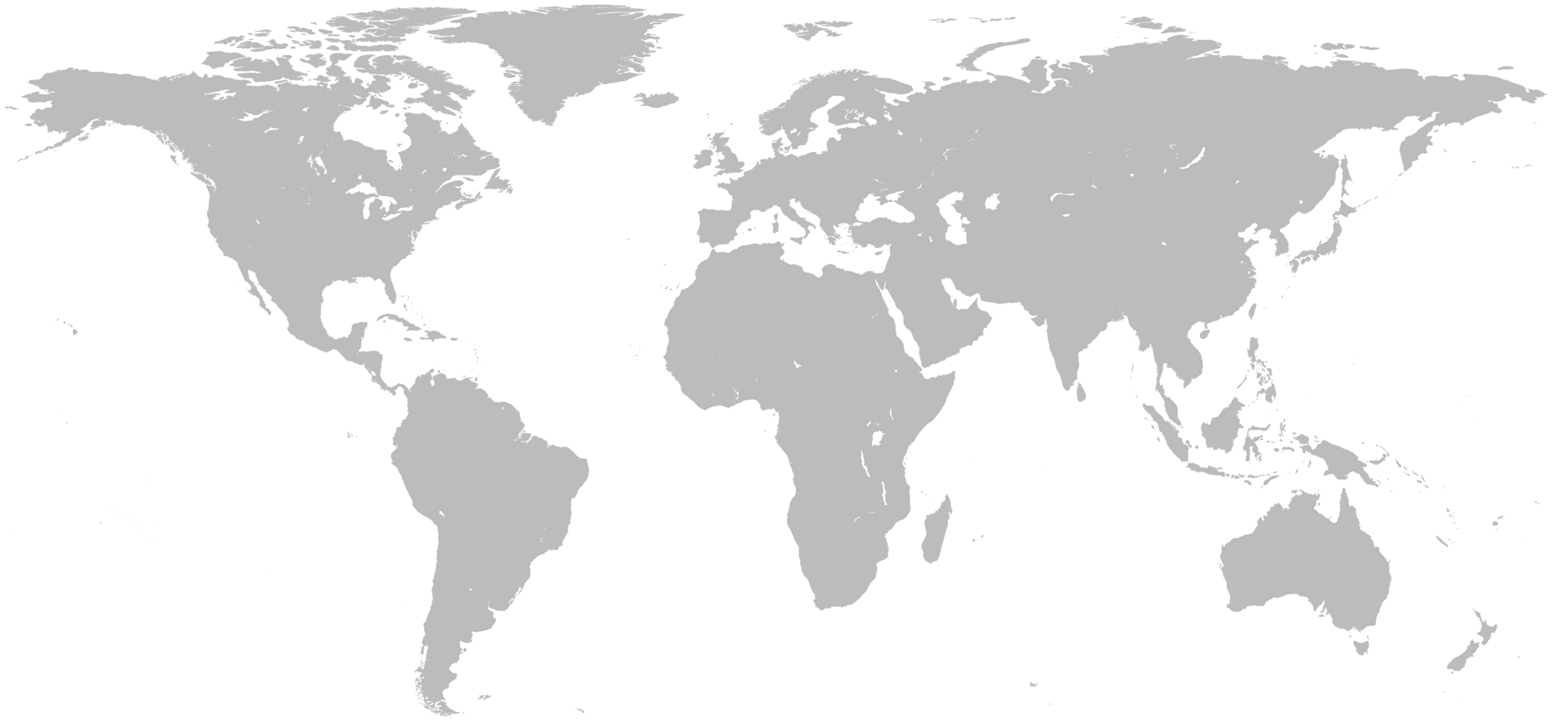


Application

- It is suitable for impregnation of tire cord (thread), impregnation of industrial fabrics, etc.

Technical Index

ITEM	TYPE	TC-P601	TC-P602
Exterior		Milky white sticky liquid	
Solid Content		40±1%	
pH		10.0~12.0	
Viscosity		20-60mPa.s	
Use		Low Pyridine	High Pyridine
Shipping Conditions		5-35°C, in a cool and ventilated room, the shelf life is three months in summer and six months in winter. It is packed in 200KG or 1000KG plastic drum. It can also be transported by tank truck.	



Make Valuable Products
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