



TEG-LK Glass Powder
Best Corrosion Resistance Solution

TEG-LK

Boron-Free Fluorine-Free Glass Fiber

TEG-LK Glass Powder is a boron-free, fluorine-free glass powder that provides excellent corrosion resistance and mechanical strength. It is ideal for use in a wide range of applications, including construction, automotive, and industrial. For more information, please visit our website at www.teg-lk.com.

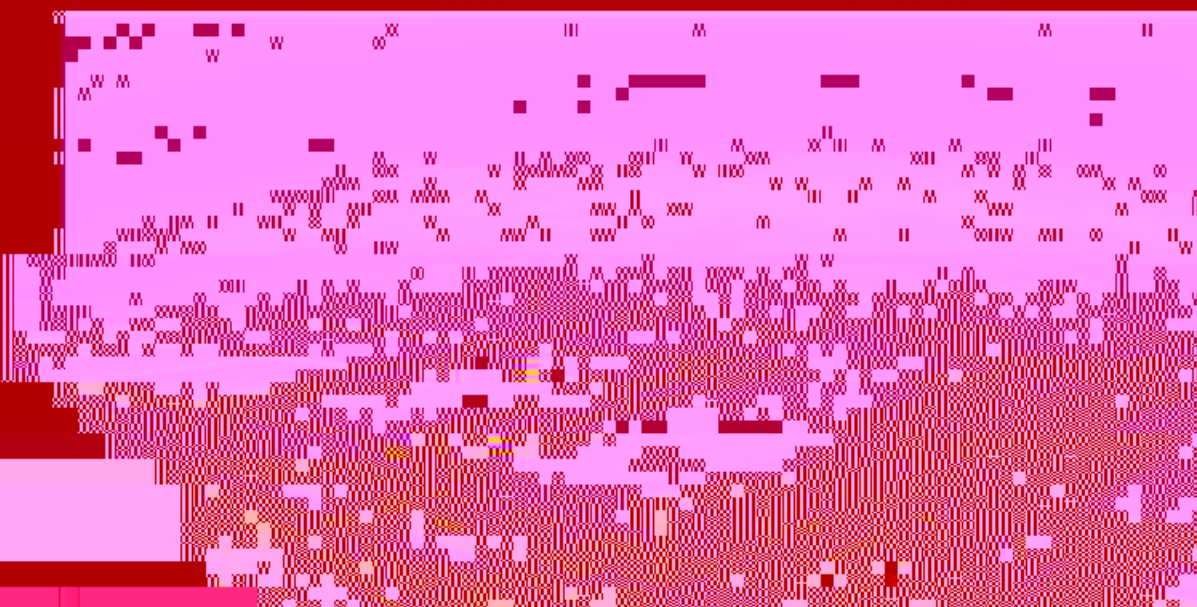
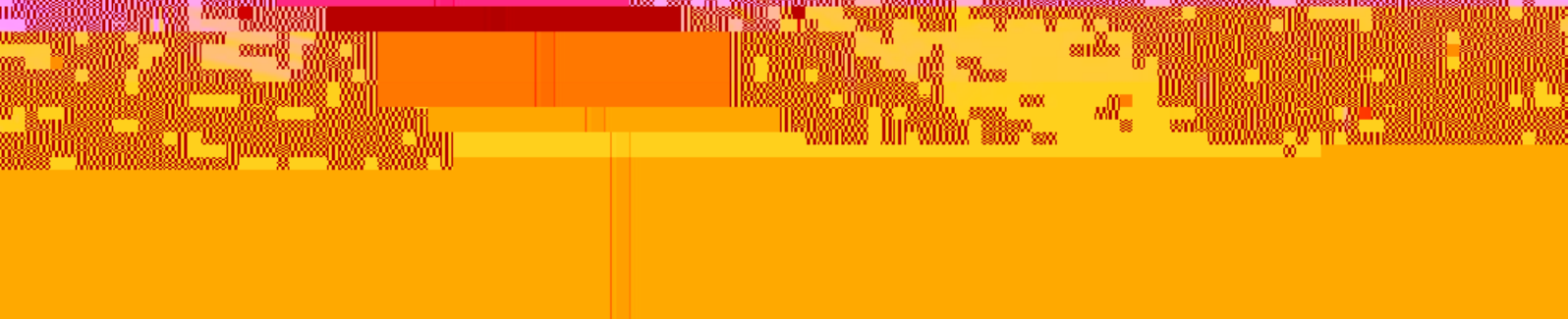
Company Profile

Wuxi Suning Chemical Co., Ltd. is a leading manufacturer of high-quality chemical products, specializing in the production of various organic and inorganic compounds. Our state-of-the-art facilities and advanced production processes ensure that we deliver products that meet the highest standards of purity and performance.

Our commitment to innovation and quality has earned us a reputation as a reliable partner for our customers. We offer a wide range of products, including specialty chemicals, pharmaceuticals, and industrial materials, all of which are backed by our extensive research and development capabilities.

With a strong focus on customer service and technical support, we strive to provide our clients with the most effective solutions for their specific needs. Our experienced team of experts is always ready to assist you in selecting the right product and providing the necessary guidance throughout the entire process.

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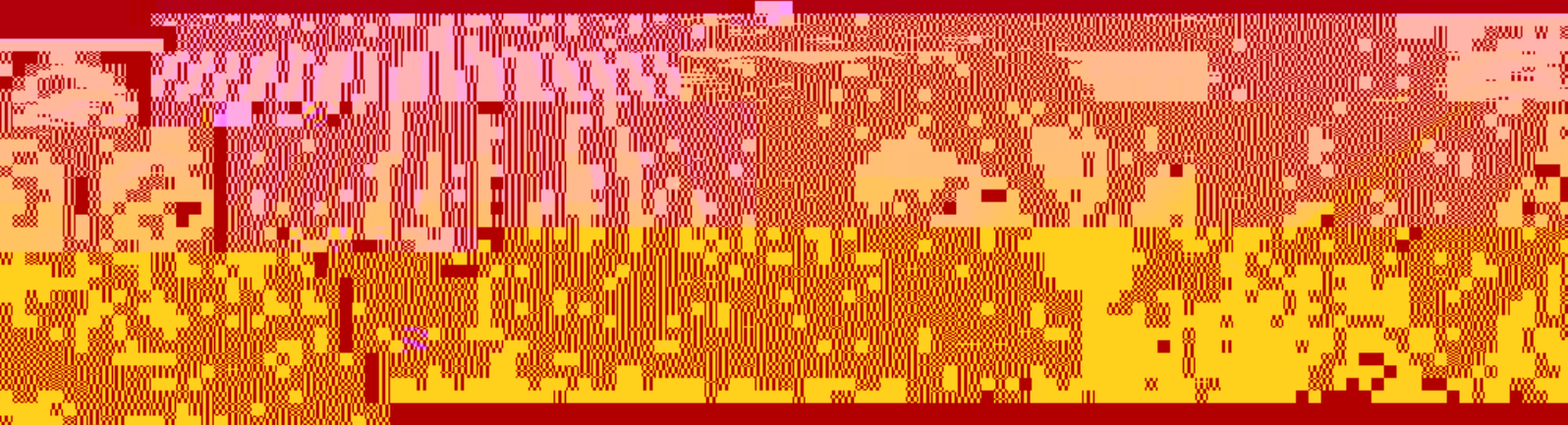
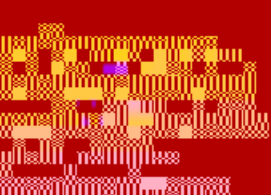
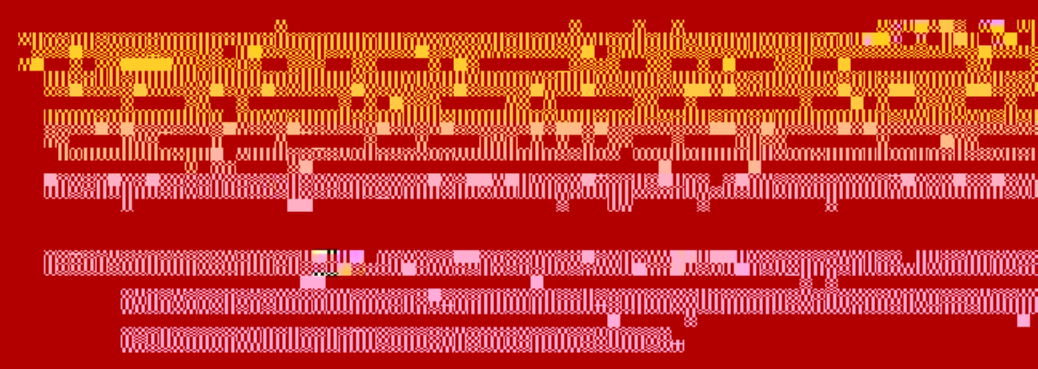
CUSTOMER AND TECHNICAL

SUPPORT ORGANIZATION

GOALS

“To establish a world-class manufacturing system for

high-performance composite materials.”



E6-CR GLASS FIBER

Excellent Corrosion Resistance

Compared with typical E-glass fiber, E6-CR offers the following unique benefits:

- Higher chemical stability
- Boron-free fluorine-free, to ensure clean production

E6-CR glass fiber is produced with a unique glass formulation, providing significant improvement in chemical corrosion resistance in neutral, acidic or alkaline.

Weight loss comparison of



E6-CR REINFORCEMENTS

Excellent Environment Durability

Hand laid laminates of E6-CR reinforcement and epoxy resin, after 10 days exposure at 180°C, and then put in an -60°C environment for another 10 days. The relative loss of properties after the exposure is shown in the table below.

Hand laid laminates of E6-CR reinforcement and epoxy resin, after 10 days exposure at 180°C, and then put in an -60°C environment for another 10 days.

							
							
							
							
							
 (tested in 0° direction), Infusion process,			ISO 527-5	/	42.6	42.9	
			Fiber Volume Content (%)	ISO 1172	/	53.6	54.0
			Tensile strength (MPa)	ISO 14126	/	805.5	810
Epoxy resin	Tensile modulus (GPa)		30-14126	/	42.6	42.9	
	Fiber Volume Content (%)		53.6				

Hand laid laminates of E6-CR reinforcement and epoxy resin, after 10 days exposure at 180°C, and then put in an -60°C environment for another 10 days.

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ENVIRONMENTAL PROTECTION

Become a Model for Clean Production

China Aika is committed to improving our environmental footprint. We have invested heavily in the most modern technologies available to reduce pollutant emissions into our environment. Improved nitrogen fixing technology reduced total waste gas emissions from the furnace by 80% and the nitrogen oxide emissions by over 90%. State of the art glass recycling technology reduces and discharges process waste glass. Modern waste purification technology ensures zero discharge of industrial waste water from our production process. CO₂ gas flow is produced by more efficient production techniques and process which not only improve the product performance, but also reduce air pollutants at source. The development of CO₂ gas flow is consistent with our committed commitment to [energy efficiency](#) and [sustainability](#). It not only have we achieved the goal of improving our glass fiber products, but we also have improved our environmental footprint at the same time.



Offer Best Technical Support



China



China



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★ All the data given in this brochure are for preliminary information only.
Jushi reserves the right to update or modify the data without notice.

