



E6-CK Glass Fiber

Best Corrosion Resistance Solution for High-Performance Composite Material

A series of decorative icons including a square, a circle, a gear, and a screwdriver, rendered in a light green color.

Boron-Free Fluorine-Free Glass Fiber



中国巨石股份有限公司
CHINA JUSHI CO., LTD

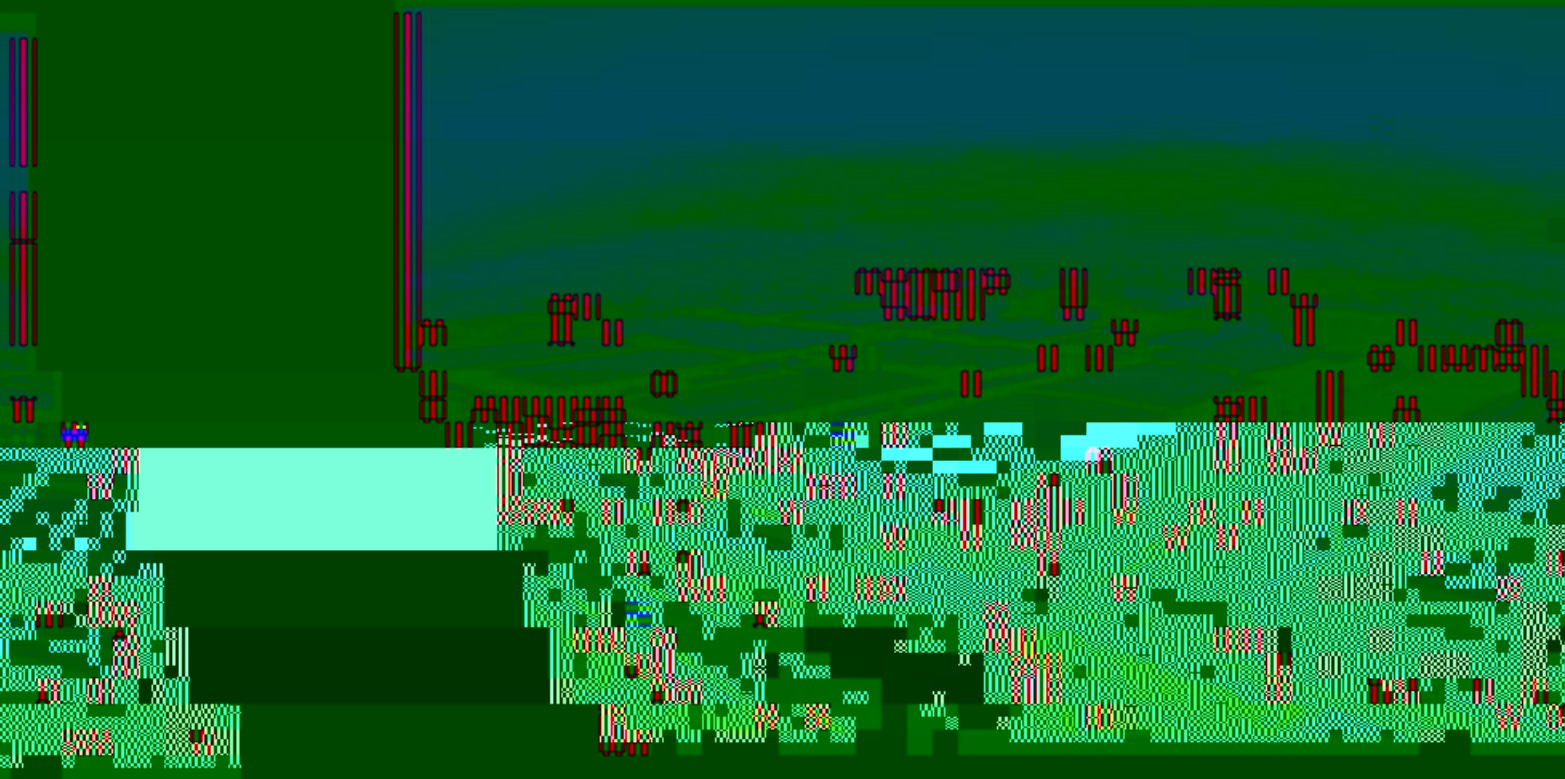
Company Profile



Our company is a leading provider of software solutions for businesses of all sizes. We have a proven track record of helping our clients increase productivity, reduce costs, and improve customer satisfaction. Our solutions are scalable, secure, and easy to use, making them the perfect choice for any business looking to optimize its operations.

We offer a wide range of services, including consulting, implementation, and ongoing support. Our team of experts is dedicated to providing personalized solutions that meet the unique needs of each client. We are committed to excellence in every aspect of our business, from the quality of our software to the level of customer service we provide.

Our success is measured by the success of our clients. We have helped hundreds of businesses of all sizes achieve their goals and grow their businesses. We are proud to be a trusted partner for our clients and look forward to continuing to provide exceptional service and solutions for years to come.



E6-CR GLASS FIBER

Excellent Corrosion
Resistance



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

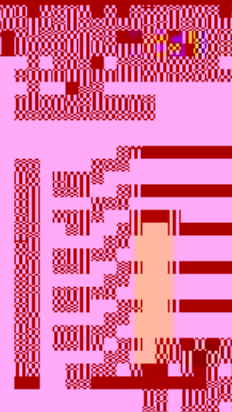
- Higher chemical stability
- Boron-free fluorine-free, to ensure clean production

E6-CR glass fiber is produced with a unique glass

| Product | Weight (g/m ²) | Width (mm) | Length (m) | Weight (kg) |
|--------------|----------------------------|------------|------------|-------------|
| Handmade | 100 | 1000 | 100 | 100 |
| Machine-made | 100 | 1000 | 100 | 100 |
| Handmade | 200 | 1000 | 100 | 200 |
| Machine-made | 200 | 1000 | 100 | 200 |
| Handmade | 300 | 1000 | 100 | 300 |
| Machine-made | 300 | 1000 | 100 | 300 |
| Handmade | 400 | 1000 | 100 | 400 |
| Machine-made | 400 | 1000 | 100 | 400 |
| Handmade | 500 | 1000 | 100 | 500 |
| Machine-made | 500 | 1000 | 100 | 500 |



| Product | Weight (g/m ²) | Width (mm) | Length (m) | Weight (kg) |
|--------------|----------------------------|------------|------------|-------------|
| Handmade | 100 | 1000 | 100 | 100 |
| Machine-made | 100 | 1000 | 100 | 100 |
| Handmade | 200 | 1000 | 100 | 200 |
| Machine-made | 200 | 1000 | 100 | 200 |
| Handmade | 300 | 1000 | 100 | 300 |
| Machine-made | 300 | 1000 | 100 | 300 |
| Handmade | 400 | 1000 | 100 | 400 |
| Machine-made | 400 | 1000 | 100 | 400 |
| Handmade | 500 | 1000 | 100 | 500 |
| Machine-made | 500 | 1000 | 100 | 500 |



E6-CR REINFORCEMENTS

Excellent Environment Durability

In the future, end-use composite products will operate in even harsher environments and the end-users will expect enhanced durability. Compared with E6[®] glass fiber, **E6-CR enhanced glass fiber** reinforced composite materials offer better corrosion resistance and temperature endurance, making composite parts more reliable and cost effective.

Superior Mechanical Properties

| Test Sample | Property | Standard | E | E6 [®] | E6-CR |
|---------------------------------|------------------------|------------|-----------|-----------------|-----------|
| Tensile property of impregnated | Tensile strength (MPa) | ASTM D2343 | 1900~2000 | 2500~2700 | 2500~2700 |

ENVIRONMENTAL PROTECTION

Become a Model for Clean Production

China Jushi 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 oxygen firing 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 ensures zero discharge of process waste glass fiber. Modern waste purification technology enables zero discharge of industrial waste water from our production process. E6-CR glass fiber is produced by more scientific production technology and process which not only improve the product performances, but also control air pollutants at source. The development of E6-CR glass fiber is consistent with our constant commitment to social responsibility and sustainability. 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.





CUSTOMER AND TECHNICAL SUPPORT ORGANIZATION

Offer Best Technical Support

China Jushi possesses world class core technologies and advanced testing and analysis capabilities for glass, organic chemistry, fiberglass and composites. We have established a global network of marketing and technical service professionals to help customers solve problems in materials development and process optimization. We collaborate closely with customers to address market challenges and promote the growth of the composites industry.

We will share with you all the information on **E6-CR** glass fiber reinforcements as well as our considerable knowledge of compounding and molding technology and processes.



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★All the data given in this brochure is preliminary and China Jushi reserves the right to update or modify the data without notice.





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