JUSHI

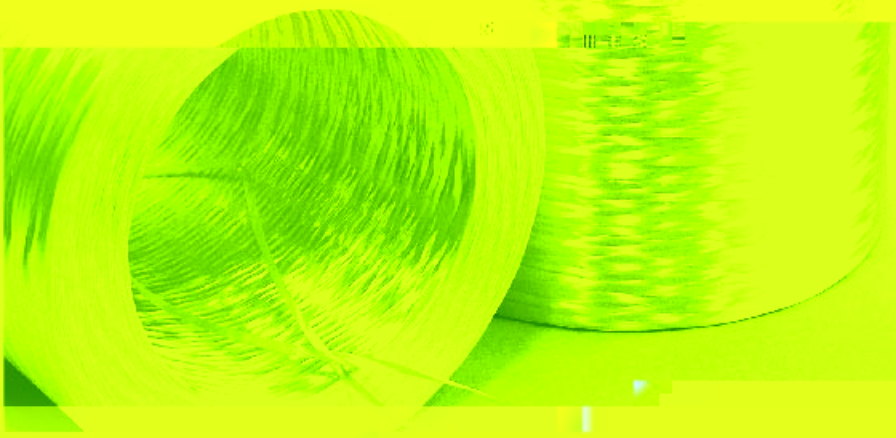
High Performance "E6® Enhanced Glass Fiber"
Will Promote the Progress of Composites

E6 Enhanced Glass Fiber

— High Performance Environment-friendly Fiberglass

— Compliant with ASTM D578 and ISO 2078 Standards

— An Optimal Combination of Boron-free E-glass and E-CR Glass



中国巨石股份有限公司
CHINA JUSHI CO., LTD

COMPANY PROFILE

China Jushi specializes in the production of glass fiber. The company has attained the lead

agement to improve efficiency and
• Employ talented people to enable future growth".
The company owns proprietary, world-class core technologies

GOALS

Enhance Product Performance

Expand Applications

Minimize Environmental Footprint

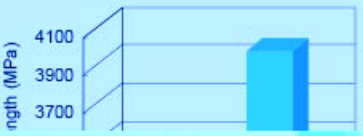
Increase Customer Satisfaction

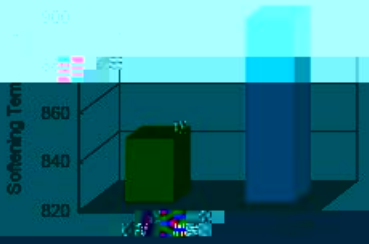
REVOLUTIONARY NEW GLASS FIBER

Expands the Scope of Composite Applications

Compared with typical E-glass fiber, Jushi E6®offers the follo

Property Comparison between E-glass and E6®Fibers





Physical and Electrical Properties of E-glass and E6® Fibers:

Property	Testing method	Unit	E	E6®
Density	ASTM C693	g/cm^3	2.60	2.62-2.63

E6® REINFORCEMENTS

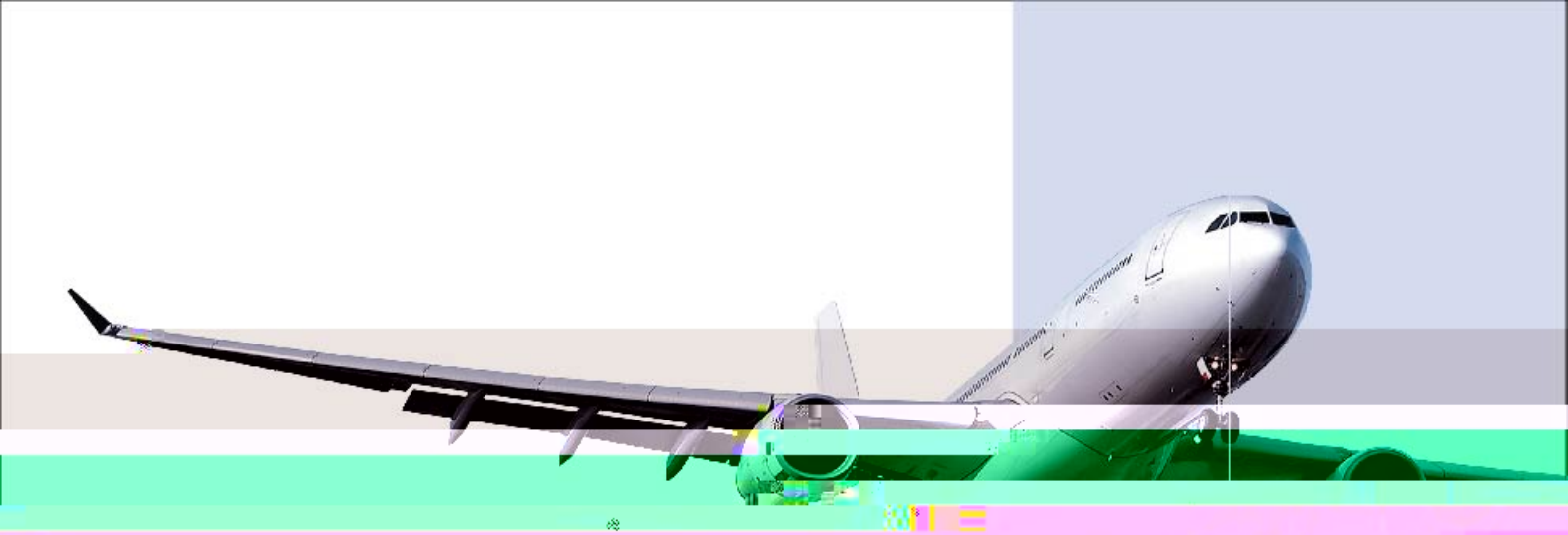
Open A New Era for Composites

Performance Comparison of Laminates Soaked in Acid Solution

E-glass E6®

Superior mechanical properties

The use of E-glass reinforcements allows customers to design high performance composites beyond the limits of the polymer material itself. Jushi E6® glass fiber enables even higher composite performance. Compared with E-glass, composites based on E6® reinforcements have better mechanical properties including: tensile strength, elastic modulus, flexural strength, flexural modulus, shear strength and compressive strength. E6® Enhanced Glass



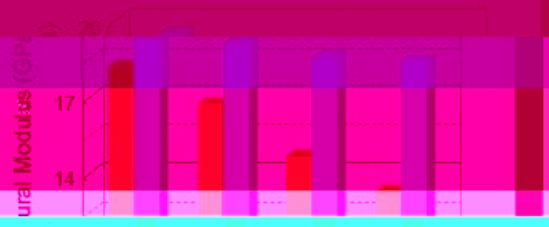
Comparison of longitudinal tensile modulus of laminates soaked in 5% H_2SO_4

Drastic changes in ambient temperature can [illegible] strength and [illegible] operating life of composite materials.

The composite samples tested below were dried for 10 days at 180℃, [illegible] an -60℃ environment for another 10 da[illegible] relative loss of prope[illegible] exposure is shown in the Table below.

Sample	Property	Standard
[illegible]	Fiber V[illegible]e Content(%)	ISO 1172
(EDR24-2400-386)	Tensile strength (MPa)	GB/T 1447
800g/m^2 woven roving	Tensile modulus (GPa)	GB/T 1447
Unsaturated polyester	Flexural str[illegible]	[illegible]

Comparison of longitudinal flexural modulus of lami[illegible]ates soaked in 5% H_2SO_4



Soaking Days

ENVIRONMENTAL PROTECTION

Become a Model for Clean Production

Jushi Group is committed to improving our environmental footprint. We have invested heavily in the most modern technology available to reduce pollutants in our air and water, and reduce waste.

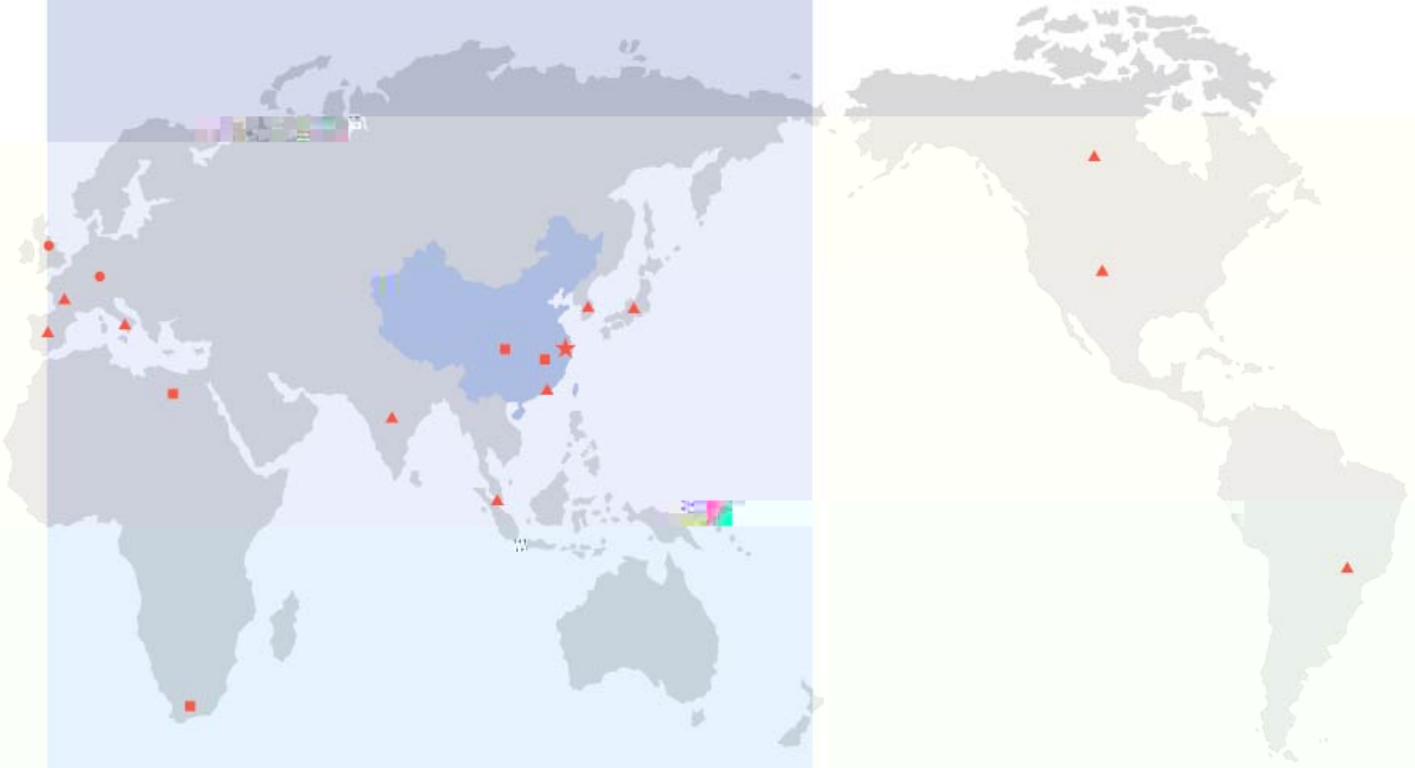
E6® Enhanced Glass Fiber, is made with a glass formulation which significantly reduces air pollutants during manufacturing. Improved technology enables zero discharge of manufacturing water from our

CUSTOMER AND TECHNICAL SUPPORT ORGANIZATION

Offer Best Technical Support

Jushi Group possesses world class core technology and advanced testing and analysis capabilities for glass chemistry, fiberglass and composites. We have the

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



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