



Jushi people adhere to our core values of "Behavior, Innovation, Responsibility, Learning, Enthusiasm" to build the company into an international corporation with the largest scale, leading technology, excellent team, lean management, powerful execution, outstanding operating results and high quality growth. China Jushi strives to lead the modernization of China's glass fiber industry and maintain the leadership position in the global glass fiber industry through endless pursuit of innovation and excellence.

# COMPANY PROFILE



# GOALS

## CREATION OF A NEW SOLUTION FOR HIGH-END COMPOSITES

China Jushi has developed E8 High Modulus
Glass Fiber in 2016, achieving a revolutionary
breakthrough in the glass fiber industry. E8
glass fiber offers higher modulus and better
fatigue resistance than E7 high performance
glass fiber and S-glass fiber, and now can be
manufactured with tank furnaces in a stable
and efficient way. E8 has much better cost
performance than S-glass fiber, making it more
competitive than the later. E8 is designed











### EXCELLENT MECHANICAL

### **PROPERTIES**

Ell is a high performance glass fiber with higher modulus and higher strength. Ell glass fiber will offer more superior mechanical properties, dimensional stability and fully ac resistance, and can meet higher design requirements of composite materials to be used more demanding environments. Ell glass fiberetti be widely used in the fleids of large wind blades, anitiary equipment, high processores.

Ţ	Test Sample		Property	Stan	Standard			E7		E		-
	impregnated roving,		ensile strength (MPa)		ASTM D2343		2500-2700		2800-3000		3100-3500	
	Epoxy resin		Tensile modulus (GPa)		ASTM D2343		81-83		89-91		95-98	
	1250 g/m <sup>2</sup> UD fabric, ( tested in 0° direction), Infusion process, Epoxy resin		Tensile strength (MPa)		ISO 527-5		1		1321.7		1332.3	
		hain	Tensile modulus (GPa)		ISO 527-5		/		48.5		51.6	
			Fiber volume content (%)		ISO 1172				53.6		53.8	
			Compressive strength (MPa)		ISO 14126				972.8		1043.9	
			Compressive modulus (GPa)		ISO 14126				49.1		52.1	
			Fiber volume content (%)		ISO 1172				54.4		54.2	







#### **CERTIFICATIONS**

CHINA JUSHI ALWAYS ADHERES TO ITS
FUNDAMENTAL MANAGEMENT PRINCIPLES:

- o Apply science and technology for development,
- o Build the brand name to expand market share.
  - o Emphasize management to improve emiliency, and
  - o Employ talented people to enable future growth.

China Jushi owns proprietary, world-class core technologies for large E-glass fiber furnaces, C-glass fiber furnaces and high-performance glass fiber in has achieved management

ISO10012 and ISO17025. Its testing center has been certified by both China National Accreditation Board for Laboratories (CNAS) and Germanischer Lloyd (GL). The fiberglass rovings and chopped strand mats under the



Classification Society (CCS), Germanischer Lloyd (GL) and Attestation De Conformité Sanitaire (ACS).

## TECHNICAL COLLABORATION AND SUPPORT

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

China Jushi will share our information on E8 glass fiber and our knowledge of compowding technologies and processes.

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(Business cooperation: domestic) (Business cooperation: foreign)

(Customer serv

 $\bigstar$  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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