



**Anhui Tianfu New Material Co.,Ltd.**

## **FIBERGLASS DIRECT ROVING**



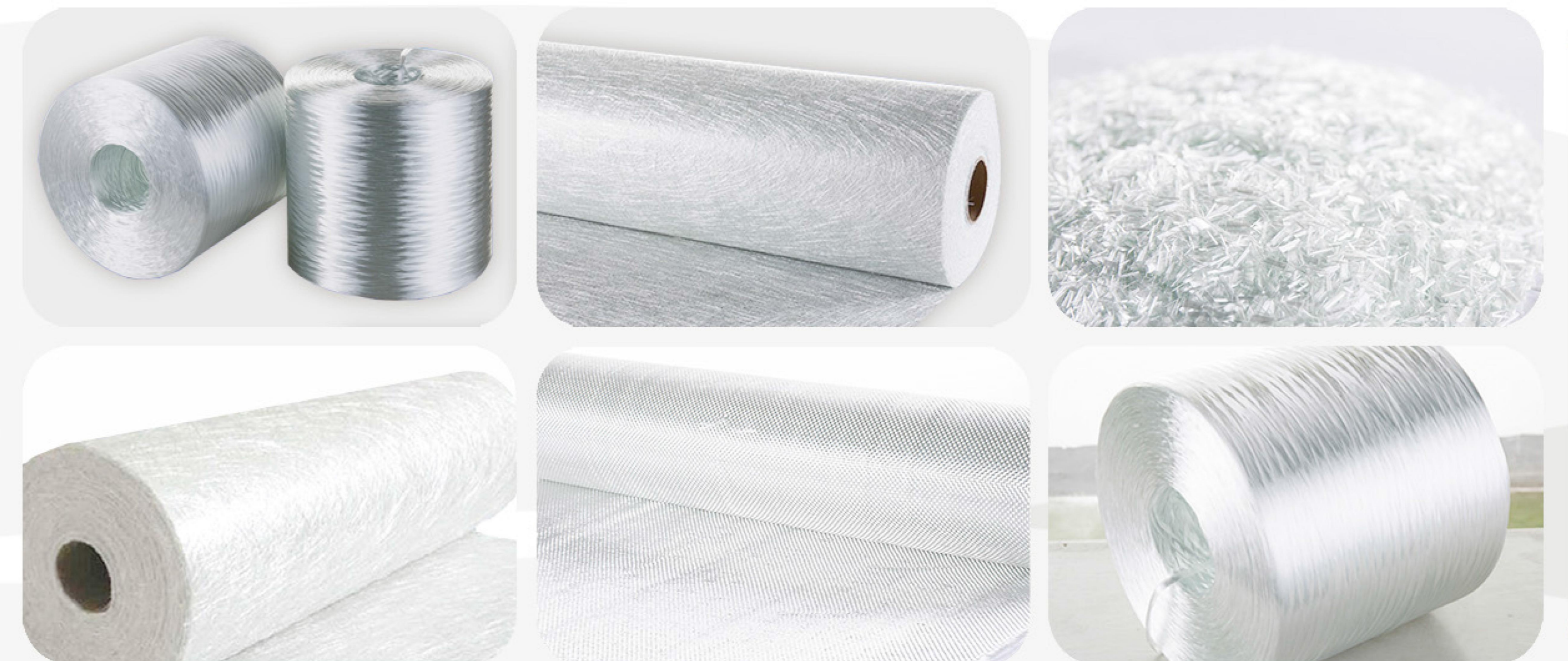
Anhui Tianfu New Material Co.,Ltd.

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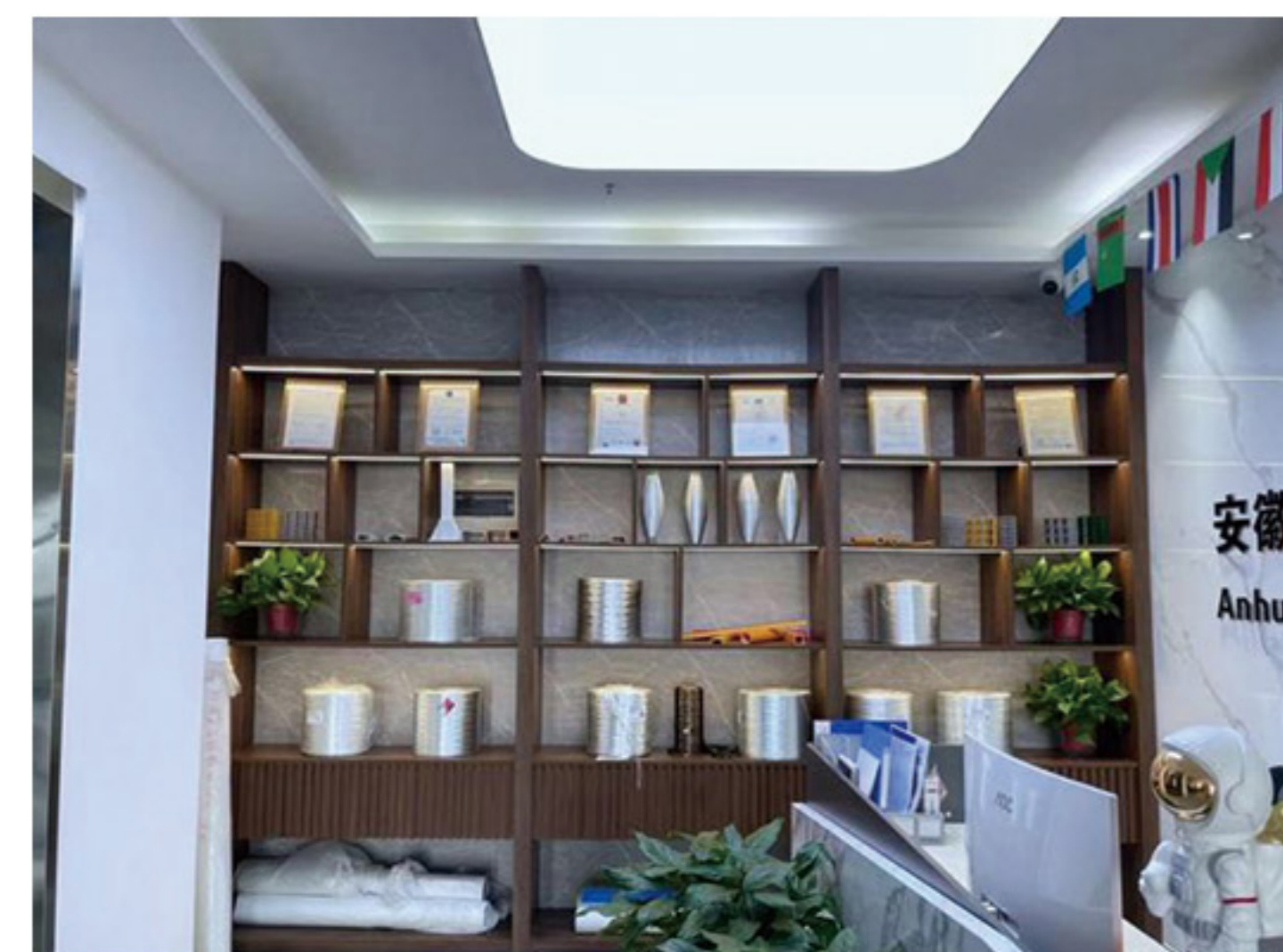
We are committed to providing cost-effective products and services !

# COMPANY PROFILE

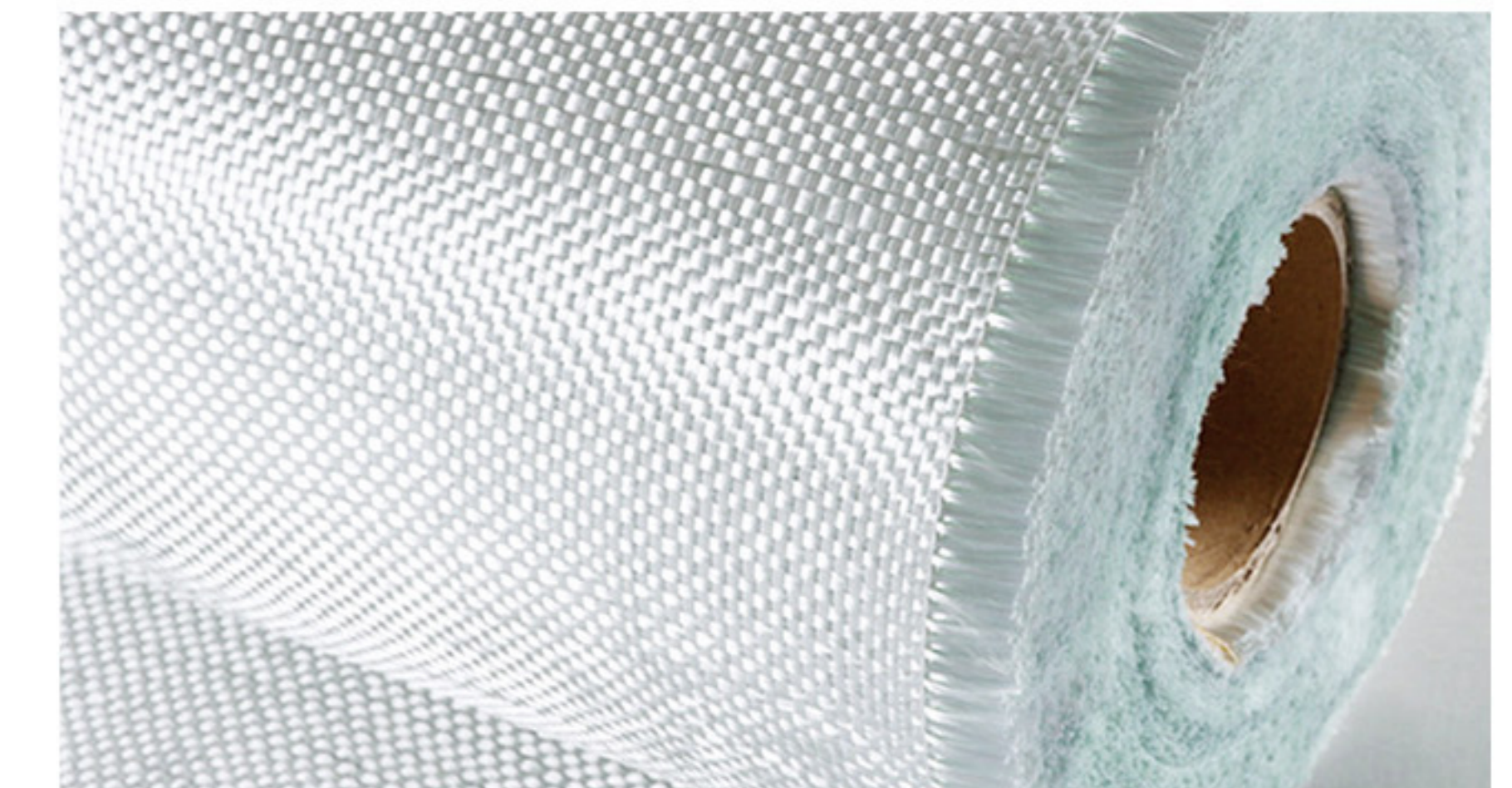
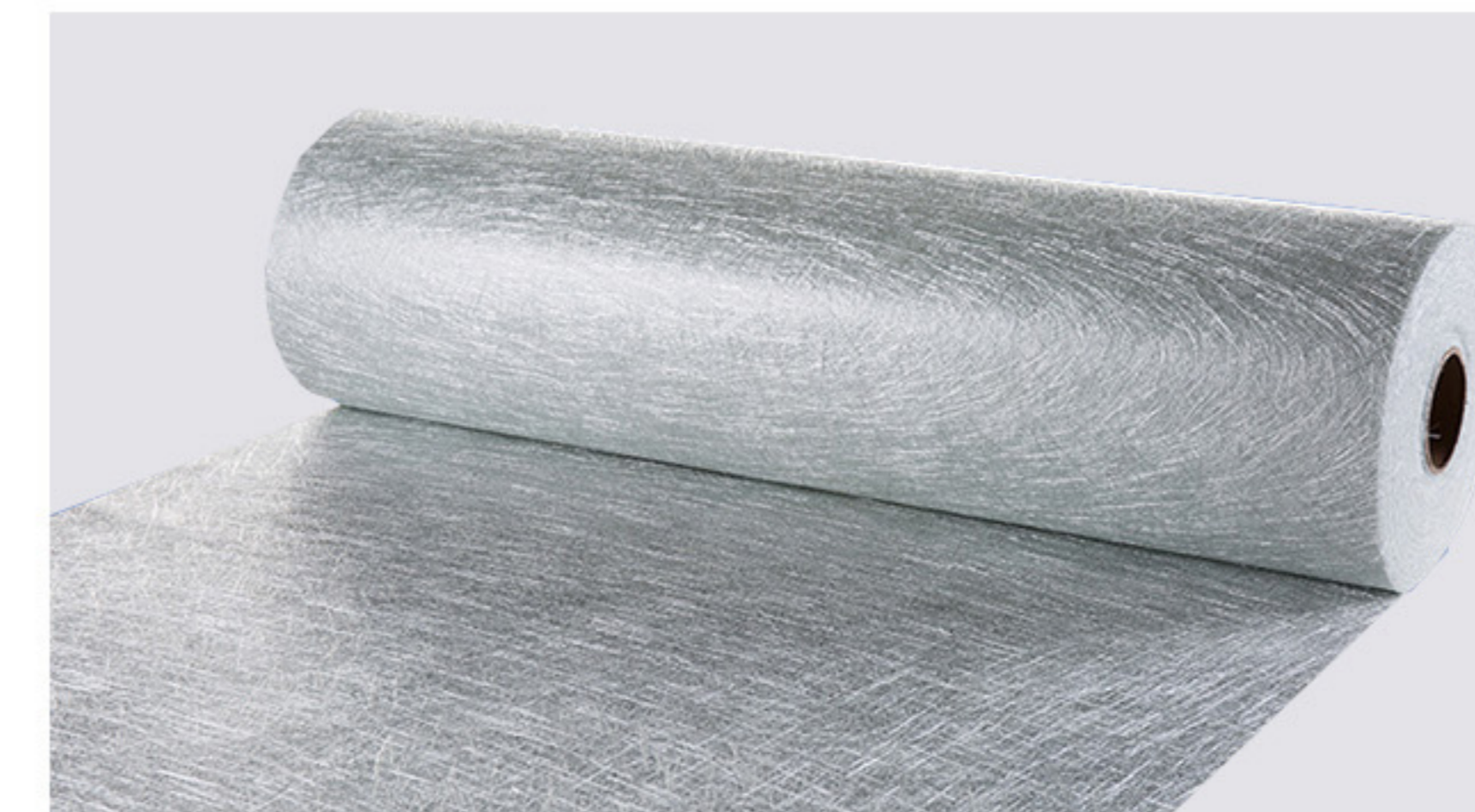
## About Us

Anhui Tianfu New Material Co.,Ltd. Located in Hefei, capital of Anhui Province, China. has involved in the fiberglass industry since 1998. Over the past years, we are committed to providing our customers with high quality and cost-effective products or services.

We are the agent of all the top glass fiber brands in China, including JUSHI, CPIC, CTG and so on. Additionally, we have our own factory to produce woven roving, Chopped Strand, and Chopped Strand Mats. The factory area exceeds 15000 sq.m. , Our customers all over Europe, America and Southeast Asia, Our high quality products and affordable prices have won customers' praise and long-term cooperation.



## Products Show

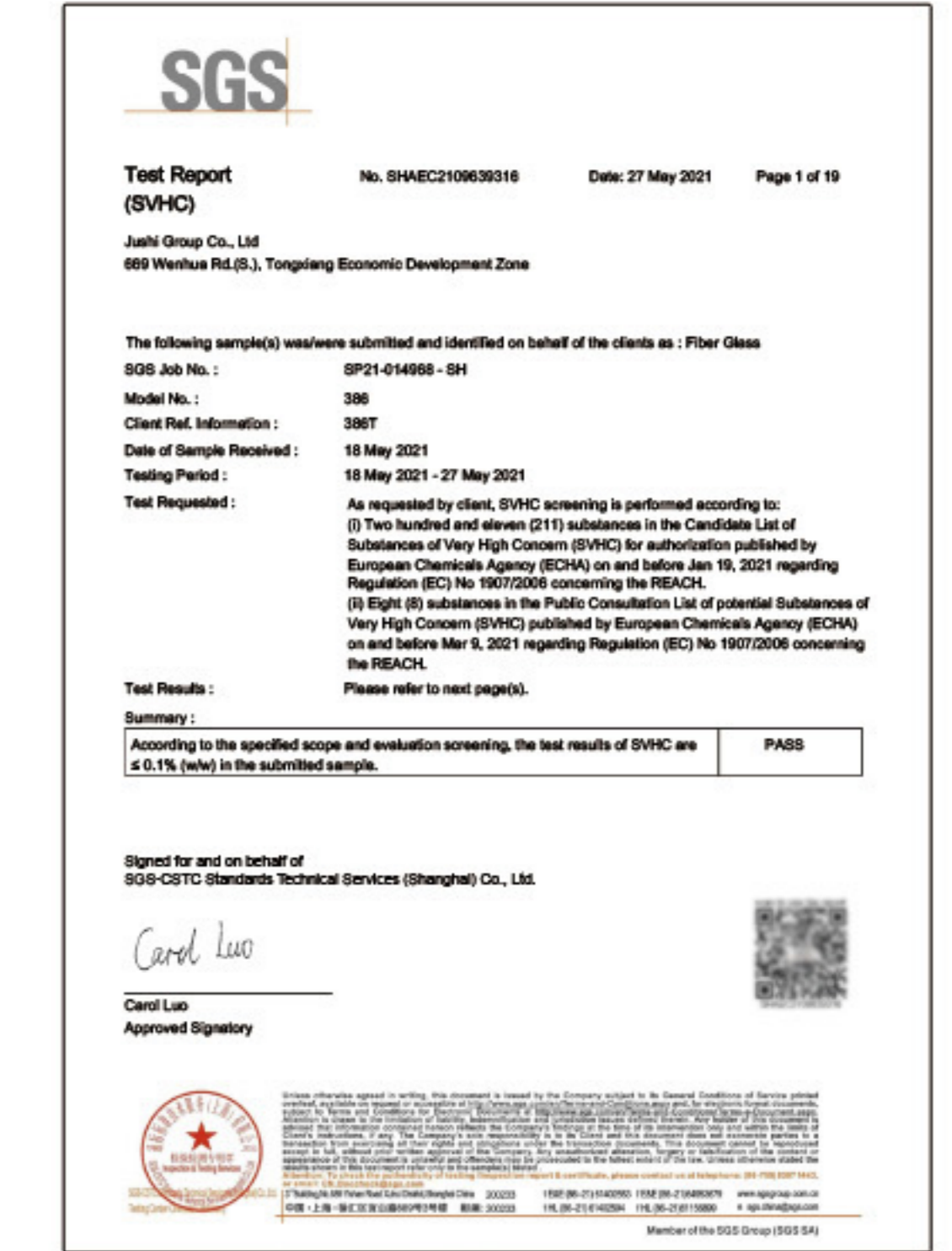
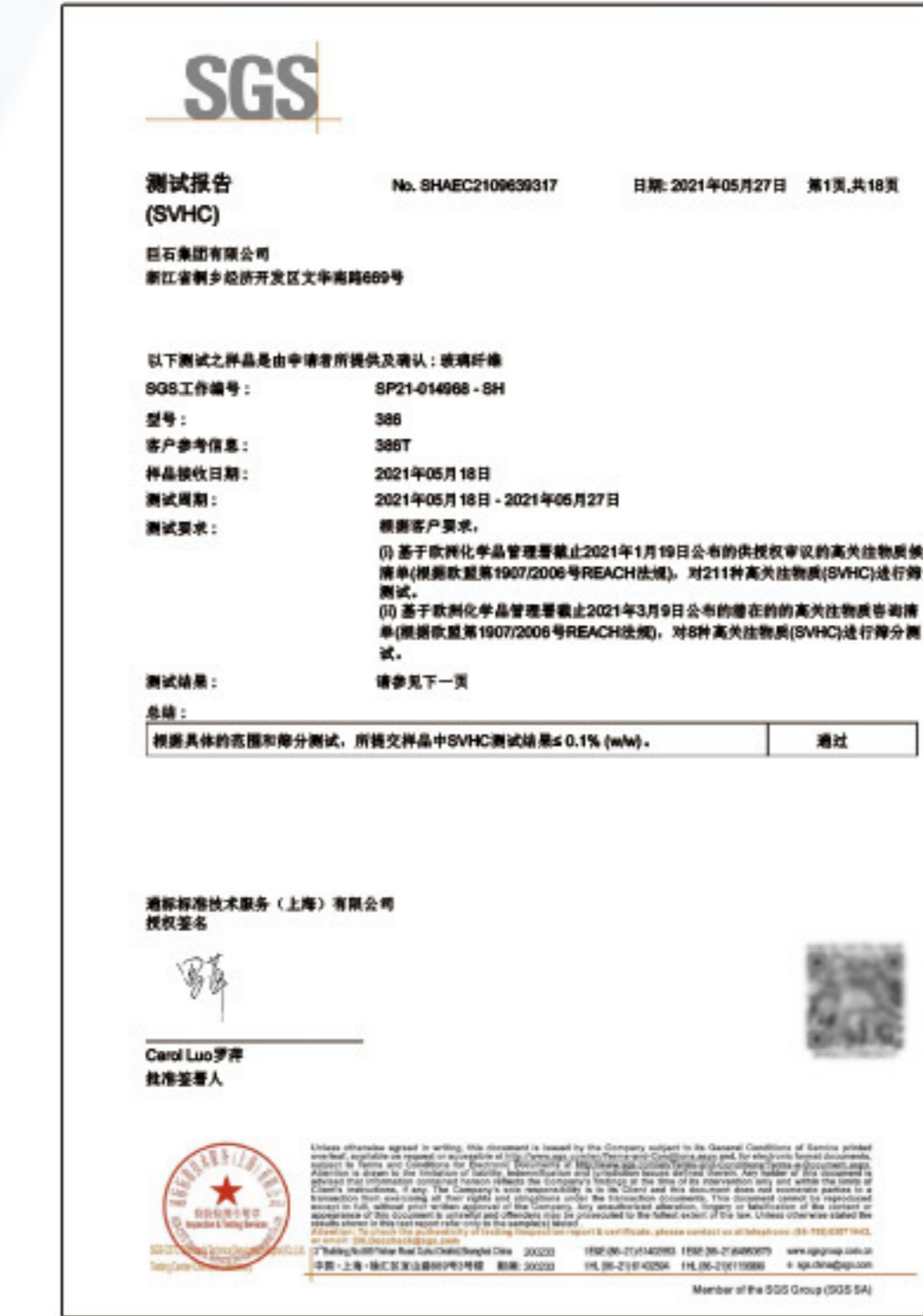
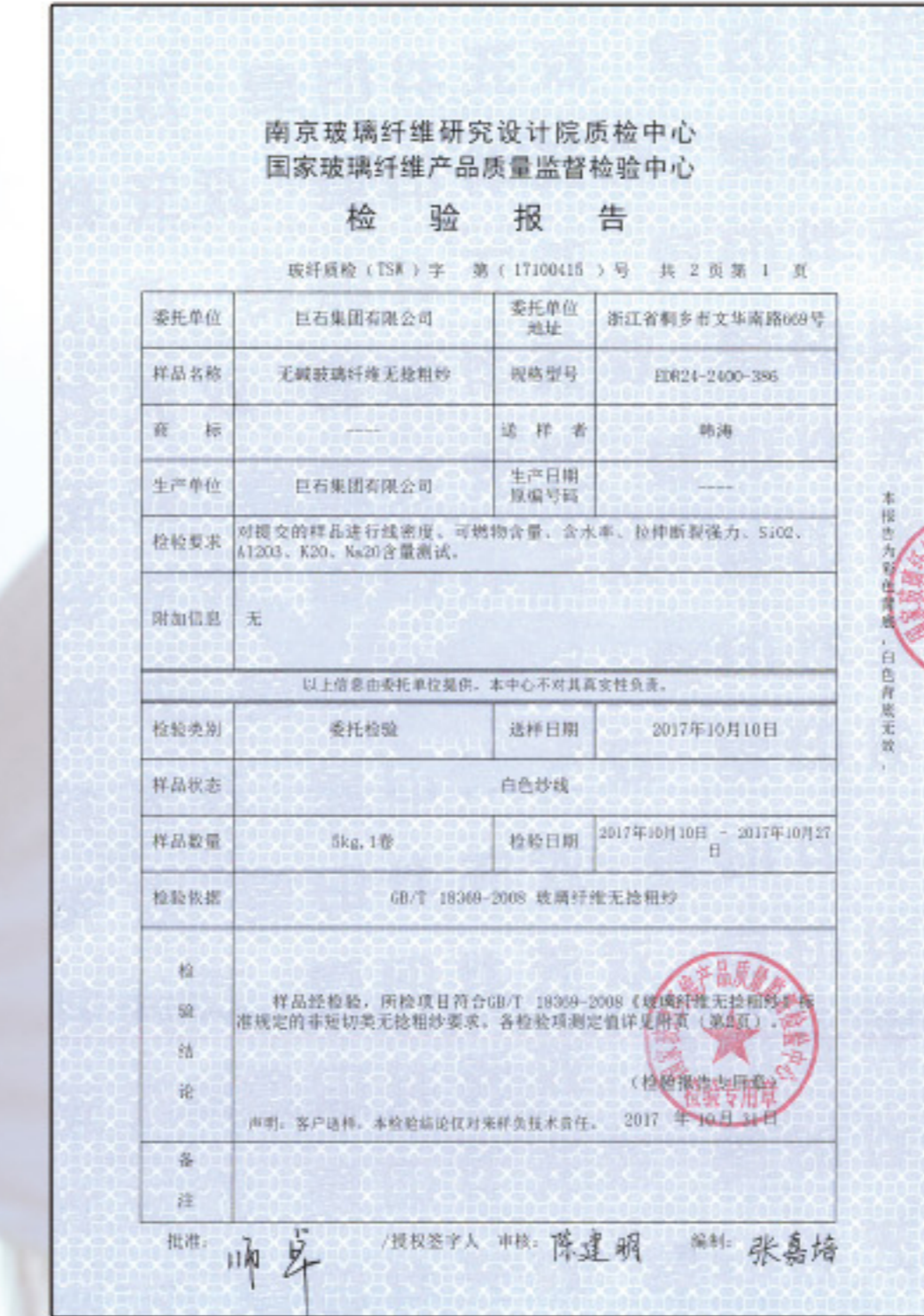


# COMPANY PROFILE

## Company Qualification




## Product certificate




## Certification certificate



# FIBERGLASS DIRECT ROVING

Product Name	Product Code	Nominal Linear Density(tex)	Product Features	Resin Compatibility	Typical Applications
<p><b>Direct Rovings for Filament Winding</b></p> <p>Direct Rovings for Filament Winding are compatible with UP, VE, EP, PU and PF resins. Their main applications include FRP pipes of various diameters for conveying water and corrosive chemicals, high-pressure oil pipes, pressure vessels, storage tanks and insulation materials such as utility poles and hollow composite insulators.</p> 	306B	600, 735, 2200, 2400	High fiber strength, low fuzz, good acid and chemical resistance	HOPE	TP high-pressure pipes
	308	1200, 2000, 2400	Compatible with epoxy resin, designed for filament winding under high tension, excellent bursting and fatigue properties of pipeline products	EP	High-pressure oil pipes and CNG cylinders
	308H	600, 1200, 2000, 2400, 4800	Compatibility with epoxy resin, suitable for high tension Winding and amine curing systems, excellent mechanical properties, corrosion resistance and fatigue properties of pipeline products	EP	Htgh-pressure oil pipes and pressure vessels
	308S	1200, 2000, 2200, 2400, 4800	Compatibility with epoxy resin, suitable for acid anhydride curing system, very fast penetration speed, good winding processability, excellent mechanical properties, corrosion resistance and fatigue properties of pipeline products	EP	Htgh-pressure oil pipes and pressure vessels
	310S	1200, 2400	Excellent electrical property	EP	Hollow composite insulator
	318	600, 735, 1200, 2400	Compatible with epoxy resin, low fuzz, designed for filament winding process under low tension	EP, PF	Pressure vessel and high- and medium-pressure FRP water pipe
	386T	600, 1200, 2400, 4800	Good compatibility with resin, low fuzz, excellent performance and high mechanical strength	UP, EP, VE, PF	Ordinary FRP pipes and storage tanks
	386H	600, 1200, 2400, 4800	Fast wet-out, ultra-low fuzz, excellent aging resistance, excellent performance and high mechanical strength	UP, EP, VE, PF	Pressure resistant FRP water pipes, chemical resistant pipes and storage tanks

# FIBERGLASS DIRECT ROVING

Product Name	Product Code	Nominal Linear Density(tex)	Product Features	Resin Compatibility	Typical Applications
<p><b>Direct Rovings for Pultrusion</b></p> <p>Rovings for Pultrusion are compatible with UP, EP,VE and PFresins and widelyused in building &amp; construction, telecommunication and insulation industries.</p> 	276	2400, 4800, 9600	Assembled roving, low filament diameter, good compatibility with resin fast and complete wet-out, excellent mechanical properties	UP, EP	Pultrusion profiles for outdoor sports equipment
	310H	2400, 4800, 9600, 19200	Assembled roving, good compatibility with resin, fast and complete wet-out. excellent electrical insulation and mechanical properties	EP	Electrical insulation rods
	312	4400, 4800, 8800, 9600	good compatibility with res/n. fast and complete penetration	UP, EP, VE	Pultrusion profiles
	312T	1200, 2000, 2200, 2400, 4800	Direct roving, good compatibility with resins, excellent mechanical properties of composite products	UP, PF, PF, EP, VE	Sucker rod, high end pultrusion profile
	316H	300, 600, 1200	Direct roving, compatible with matrx resin, high tensile strength of composite products	EP. UP, VE	Optic cables
	332	2400, 4800, 9600	Direct roving, low fuzz, good compatibility with polyurethane resin, good wet-out, excellent mechanical properttes	PU	Various pultrusion profiles, telegraph pole, etc
	386T	600, 735,1200, 2400, 4800	Roving, compatible with matrx resin, fast v^et-out. excellefit mechanical properties ofcomposrte products	UP, EP, VE	Vanous sectional bars and optic cables
	386H	600, 735,1200, 2400, 4800, 9600	Direct roving, soft strand, good compatib/My with resm. fast wet-out, excellent mechanical properttes	UP, EP, VE	Vanous secbonal bars

# FIBERGLASS DIRECT ROVING

Product Name	Product Code	Filament Diameter(pm)	Nominal Linear Density (tex)	Resin compatibility and enhancement effect				Product Features
				PA	PBT PET	AS ABS	PP	
<b>Coated with silane-based agents</b>  Coated with silane-based agents,our glass rovings for thermoplastics are ideal options for reinforcing many resin systems such as PA, PBT, PET, PP, ABS, AS and PC. The rovings have excellent processability and dispersion, imparting outstanding physical and mechanical properties to the composite products.	910	13	2000	★	0	0	★	Excellent hydrolysis resistance
	960A	14.17	2000, 2400	☆	☆	★	★	High Performance, low fuzz
	988A	13.14	1000, 2000	★	★	★	0	Standard product certified to FDA


Product Name	Product Code	Filament Diameter(pm)	Resin Compatibility	Product Features
<b>Direct Rovings for LFT</b>  Direct Rovings for LFT are coated with a silane-based sizing and compatible with PP, PA TPU and PET resins.	352B	17	PA,TPU, PET	Excellent processing and mechanical properties
	362H	17	PP	High mechanical properties, suitable for high tension system
	362J	17	PP	Good dispersion, suitable for low tension system

# FIBERGLASS DIRECT ROVING

<p><b>Alkali free fiberglass roving for GMT</b></p> <p>GMT non alkali glass fiber roving is made of special sizing agent. which has good compatibility with modified PP resin, moderate fiber stiffness,excellent band forming and dispersion, and can give the composite excellent mechanical and electrical properties.</p>	360A	14	PP	Direct roving for GMT-UD, excellent weaving property
	360H	17	PP	Direct roving for GMT, good dispersion
	522	13	PP	Assembled roving for GMT-RD, excellent choppability

Product Name	Product Code	Filament Diameter(µm)	Resin Compatibility	Product Features
<p><b>Direct Rovings for CFRT</b></p> <p>Direct Rovings for CFRTare compatible with modified PP and PE resins and have excellent mechanical properties.</p>	362C	17	PP, PE	Good dispersion and excellent mechanical properties

# FIBERGLASS DIRECT ROVING

Product Name	Product Code	Certification	Nominal Linear Density(tex)	Resin Compatibility	Product Features	Typical Applications
<p><b>Direct Rovings for Weaving</b></p> <p>Direct Rovings for Weaving are compatible with polyester, vinyl ester and epoxy resins. Their excellent weaving properties make them suitable for use in various products, such as wind blades, mesh fabrics, geotextiles, light weight fabrics and woven roving.</p> 	320	GL	600, 735, 900, 1103, 1200, 2200, 2400	EP, UP	Compatible with multiple resin systems, excellent mechanical properties of composite products	UD or multiaxial fabrics used in large wind blades by vacuum infusion and prepreg processes
	380	GL	300, 600, 1200, 2400	EP	Compatible with epoxy resin, fast wet out, excellent mechanical properties of composite products, with high tensile strength and good fatigue resistance.	UD or multiaxial fabrics used in large wind blades by vacuum infusion process
	386T	GL	1200, 2400	UP, VE	Low fuzz, excellent weaving property, excellent mechanical properties of composite products	UD fabrics used in large polyester wind blades by vacuum infusion process
	386H	FDA	200, 300, 600, 1200, 2400	UP, EP	Low fuzz, good compatibility with resin, and high mechanical properties	Woven roving, used in pipes and boats
	390	GL	100, 300, 600, 1200, 2400	EP	Fast wet-out, excellent mechanical properties	UD or multiaxial fabrics used in large wind blades by vacuum infusion process
	396	GL	300, 600	EP	Excellent weaving property, excellent mechanical properties of composite products	Multiaxial fabrics used in large wind blades by prepreg process
	398	GL	300, 600, 1200, 2400	EP	Compatible with epoxy resin, excellent weaving property, excellent mechanical properties of composite products	UD or multiaxial fabrics used in large wind blades by vacuum infusion process

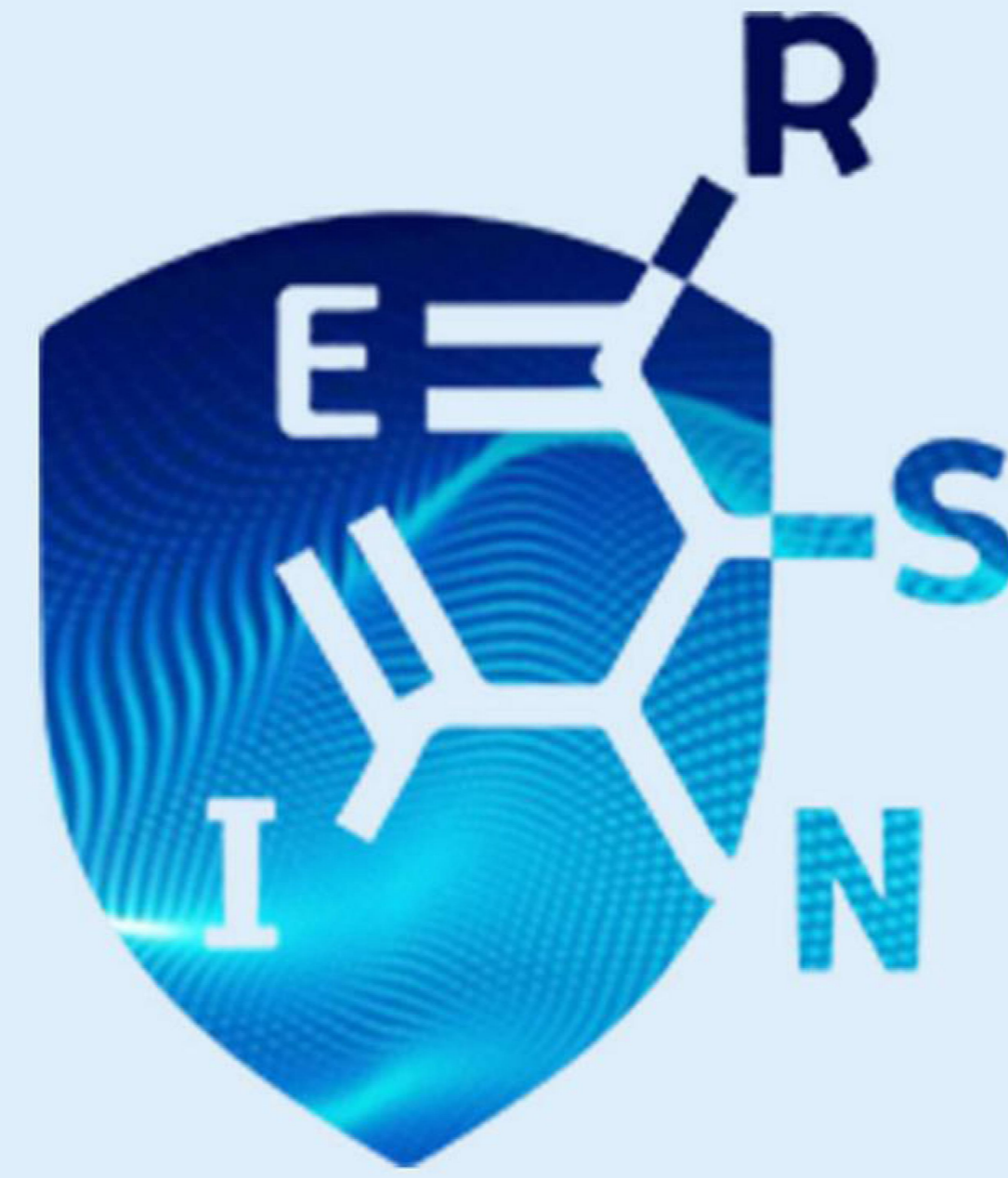


# FIBERGLASS DIRECT ROVING

Product Name	Product Code	Nominal Linear Density (tex)	Resin Compatibility	Product Features	Typical Applications
<b>Roving for Geotextiles</b>	360A	800, 900,1000,1200,1500,1700, 2400	AE, EP,UP	High strand strength, low fuzz	Geotextiles

Product Name	Product Code	Nominal Linear Density (tex)	Resin Compatibility	Product Features	Typical Applications
<b>Roving for Molded grille</b>	302	2400	UP	Direct roving, soft yarn, low fuzz, compatible with resins, excellent mechanical properties of composite products	Molded grille

Product Name	Product Code	Certification	Nominal Linear Density (tex)	Resin Compatibility	Product Features	Typical Applications
<b>Roving for Light Weight fabrics</b>	312	GL	100,136, 200, 275, 300, 400	UP, EP	Excellent weaving property, excellent mechanical properties of composite products	Light weight fabrics and multiaxial fabrics



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