



品行 BEHAVIOR **创新** INNOVATION **责任** RESPONSIBILITY **学习** LEARNING **激情** ENTHUSIASM



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ZHEJIANG ZHENSHI NEW MATERIALS CO.,LTD.

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**BUILDING MATERIALS
AND HOME DECORATION SERIES**
建材家装系列

新材料 新领域 新高度 新贡献 新发展
NEW MATERIALS, NEW FIELDS, NEW HEIGHTS
NEW CONTRIBUTIONS AND NEW DEVELOPMENT



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企业简介

COMPANY PROFILE

浙江振石新材料股份有限公司(简称“振石股份”，股票代码：SH601112)，专业从事清洁能源领域高性能纤维增强复合材料研发、生产及销售的国家级高新技术企业。公司始于2000年，历经二十余年的创新发展，现已成为中国复合材料行业领军企业。公司深耕高性能纤维编织及热固、热塑性复合材料领域，产品广泛应用于新能源风电、太阳能光伏、新能源汽车等战略性新兴产业。

目前，公司拥有中国桐乡、埃及苏伊士、土耳其泰基尔达、西班牙加的斯等地9个生产基地，同时在美国洛杉矶和中国香港设有销售公司，可以快速响应全球客户的产品需求，产品远销50多个国家和地区。

Zhejiang Zhenshi New Materials Co., Ltd. (hereinafter referred to as “Zhenshi Co., Ltd.” ; Stock Code: SH601112) is a national high-tech enterprise specializing in the research and development, manufacturing and distribution of high-performance fiber-reinforced composite materials for the clean energy sector. Founded in 2000, the Company has emerged as a leading enterprise in China’s composite materials industry following more than two decades of innovation. Specializing in high-performance fiber fabrics, thermosetting and thermoplastic composites, the Company supplies products widely used in strategic emerging industries such as wind power, solar photovoltaics and new energy vehicles.

Currently, the company has 9 production bases located in Tongxiang China, Suez Egypt, Tekirdag Turkey, and Cádiz Spain and it also has sales companies in Los Angeles, USA, and Hong Kong, China, which can quickly respond to the product needs of global customers. Its products are exported to more than 50 countries and regions.

愿景 Vision

保持与实现新材料行业的创新者与引领者
KEEP AND REALIZE THE INNOVATOR AND LEADER OF NEW MATERIAL INDUSTRY

使命 Mission

新材料 新领域 新高度 新贡献 新发展
NEW MATERIALS, NEW FIELDS, NEW HEIGHTS
NEW CONTRIBUTIONS AND NEW DEVELOPMENT

9 ↑
生产基地
Production Bases



50 +
国家地区
Countries and regions
产品远销
Sales Area

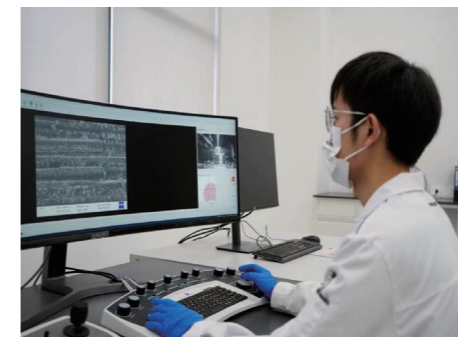
300 +
项
专利和认证
Patents and Certifications





测试中心：成立于2004年，现拥有专业技术人员50余名，试验场地5000余平方米，各类仪器设备150余台套，进口设备占比40%以上。测试中心已通过中国合格评定国家认可委员会（CNAS）国家认可和全球风电行业权威认证机构 DNV-GL 认证。

The testing center was founded in 2004 and now has more than 50 professional and technical personnel, a test site of more than 5000 square meters, more than 150 sets of various instruments and equipments, and imported equipment accounts for more than 40%. The testing center has passed the national certification of China National Accreditation Service for Conformity Assessment (CNAS) and DNV-GL certification, an authoritative certification agency in the global wind power industry.



测试内容达60余项，满足碳纤维、玻璃纤维及织物、纤维增强材料、光伏产品、汽车部件等领域的物理性能测试、静态力学测试、疲劳力学测试、化学分析测试、微观结构分析等，测试方法采用国际ISO或ASTM标准。

The testing contents covers more than 60 items, meeting the physical performance testing, static mechanical testing, fatigue mechanical testing, chemical analysis testing, and microstructure analysis, etc., in the fields of carbon fiber, glass fiber and fabrics, fiber-reinforced materials, photovoltaic products, automotive components, etc. The testing methods adopt international ISO or ASTM standards.



体系认证：公司先后通过了 ISO9001 质量管理体系、ISO14001 环境管理体系、ISO45001 职业健康安全管理体系、IATF16949 汽车质量管理体系、知识产权管理体系、ISO10012 测量管理体系认证以及 UL 产品认证、DNVGL 产品认证，为产品的品质提供了保障。

System Certification: The company has successfully obtained ISO9001 Quality Management System, ISO14001 Environmental Management System, ISO45001 Occupational Health and Safety Management System, IATF16949 Automotive Quality Management System, Intellectual Property System, ISO10012 Measurement Management System certifications, as well as UL product certification and DNVGL product certification, providing quality assurance for our products.

品质保证
QUALITY ASSURANCE

BUILDING MATERIALS AND HOME DECORATION APPLICATIONS

家装建材领域应用

高性能复合材料具有耐老化、强度高、耐污性强、阻燃性能高、表面光泽度优异等诸多特点，相较钢材、木材、石材、陶瓷等传统材料，还有施工搬运安全，劳动强度低，施工效率高的优点。

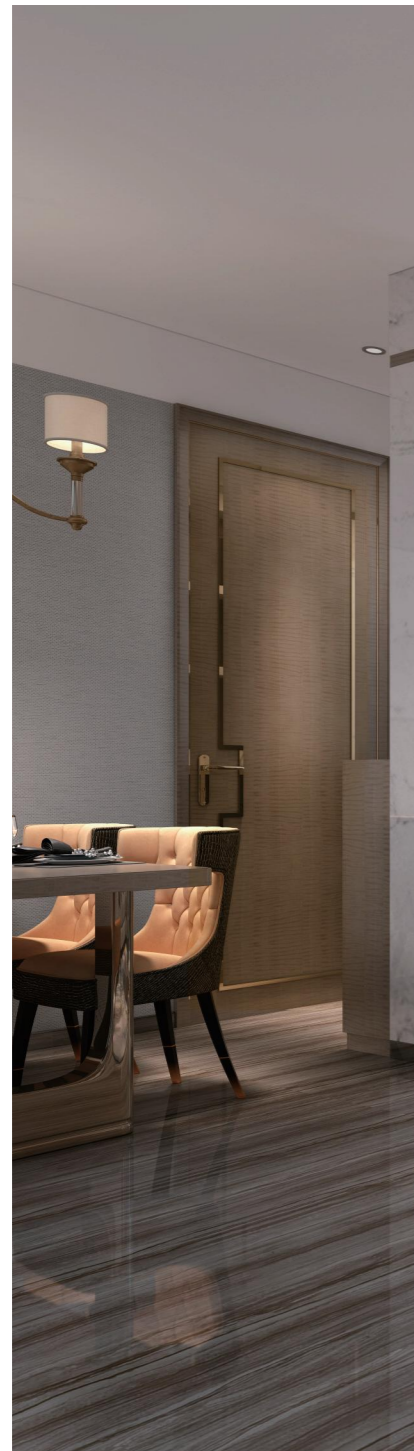
High-performance composite material possesses characteristics such as aging resistance, high strength, strong stain resistance, good flame retardant performance and excellent surface gloss. Compared with traditional materials such as steel, wood, stone and ceramics, it also has advantages including safe construction, low labor intensity, and high construction efficiency.

产品系列

Product Series

建筑模板、复合材料门、净化槽、格子梁、天花板吊顶、塑封马达、整体卫浴、卫浴吊顶、卫浴墙板、卫浴底盘、卫浴台盆、浴缸等。


Products include building templates, fiberglass door, purification tank, waferboard, ceiling, plastic sealing motor, unit bathroom, bathroom ceiling, bathroom wallboard, bathroom floor, bathroom basin, bathtub, etc.




SMC FOR BUILDING MATERIALS 建材类片料

主要特点/CHARACTERISTICS

 流动性好
Good Flowability

 制品平整度佳
Good Surface Flatness

 光泽度好
Good Surface Gloss

 韧性好
Good Toughness

 适用于成型大尺寸产品
Suitable for Large-size Products

经典案例/TYPICAL CASES



污水净化槽
Sewage Purification Tank



华夫板
Waferboard

应用领域/APPLICATION



应用于需要兼顾外观效果与强度的常规建材类产品，可满足室内外及复杂环境下的长期使用需要。

For producing general building products with the requirements of good surface and high strength, meeting the long-term usage under indoor, outdoor and complex environment.

技术参数/TECHNICAL PARAMETERS

物性指标 Properties	测试标准 Test Standards	单位 Units	典型数值 Typical Values		
			SJC-MP -WA	SJC-GZL -BB	SJC-JHC -NA
玻纤含量 Fiberglass Content	GB/T 15568-2008	wt%	20	26	25
成型温度 Moulding Temperature		°C	130-150	130-150	130-150
成型压力 Molding Pressure		MPa	7-10	7-10	7-10
收缩率 Shrinkage		%	-0.04±0.03	0.09±0.03	0.05±0.03
密度 Density	GB/T 1463-2005	g/cm ³	≤1.9	≤1.9	≤1.9
拉伸强度 Tensile Strength	GB/T 1447-2005	MPa	≥50	≥75	≥70
弯曲强度 Flexural strength	GB/T 1449-2005	MPa	≥120	≥150	≥150
弯曲模量 Flexural Modulus	GB/T 1449-2005	GPa	≥9.0	≥10.0	≥10.0
冲击强度 Impact Strength	GB/T 1451-2005	kJ/m ²	≥45	≥60	≥60

注：

典型数值受测试手法影响。

Note:

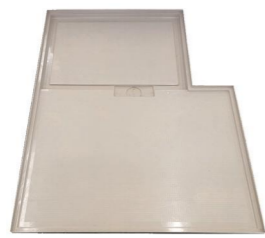
Typical value is affected by the test method.

SMC FOR SANITARY PRODUCTS 卫浴类片料

主要特点/CHARACTERISTICS

-  耐热水性优异
Excellent Hot-water Resistance
-  表面光泽度优异
Excellent Surface Gloss
-  强度/刚性佳
Excellent Strength/Rigidity
-  优异的着色性能
Excellent Color Performance
-  耐老化性好
Good Aging-resistance

经典案例/TYPICAL CASES



底盘
Floor



浴缸
Bathtub



墙板
Wallboard

应用领域/APPLICATION



SMC 整体卫生间
SMC Bathroom

用于成型有极高耐热水要求、表面光亮度要求与强度要求的高端卫浴制品，如浴缸、脸盆、整体卫浴底盘、墙板等。

For producing high-quality sanitary products with good hot-water resistance, surface gloss and mechanical properties, such as bathtubs and basins, floor and wallboard for unit bathroom, etc.

技术参数/TECHNICAL PARAMETERS

物性指标 Properties	测试标准 Test Standards	单位 Units	典型数值 Typical Values		
			SWY-YG	SWY-DP	SWY-QB
玻纤含量 Fiberglass Content	GB/T 15568-2008	wt%	25	25	23
成型温度 Moulding Temperature		°C	130-150	130-150	130-150
成型压力 Molding Pressure		MPa	7-10	7-10	7-10
收缩率 Shrinkage		%	-0.15±0.03	0.07±0.03	0.04±0.03
密度 Density	GB/T 1463-2005	g/cm ³	≤1.9	≤1.9	≤1.9
拉伸强度 Tensile Strength	GB/T 1447-2005	MPa	≥70	≥75	≥70
弯曲强度 Flexural strength	GB/T 1449-2005	MPa	≥135	≥140	≥110
弯曲模量 Flexural Modulus	GB/T 1449-2005	GPa	≥8.5	≥10.0	≥8.0
冲击强度 Impact Strength	GB/T 1451-2005	kJ/m ²	≥50	≥65	≥45

注：



典型数值受测试手法影响。

Note:

Typical value is affected by the test method.

BMC FOR SANITARY PRODUCTS 卫浴类团料

主要特点/CHARACTERISTICS

- 
耐热性能优异
Excellent Hot-water Resistance
- 
表面光泽度优异
Excellent Surface Gloss
- 
强度/刚性佳
Excellent Strength/Rigidity
- 
耐老化性好
Good Aging-resistance

经典案例/TYPICAL CASES

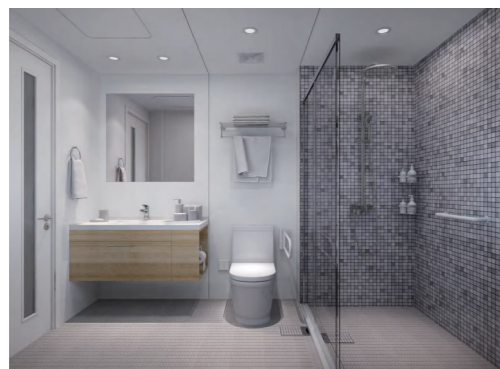


家用水槽
Household Basin



天花板
Ceiling

应用领域/APPLICATION



用于成型有极高耐热水要求、表面光亮度要求与强度要求的高端卫浴制品，如浴缸、脸盆、天花板等。

For producing high-quality sanitary products with good hot-water resistance, surface gloss and mechanical properties, such as bathtubs and basins, ceilings. etc.

技术参数/TECHNICAL PARAMETERS

物性指标 Properties	测试标准 Test Standards	单位 Units	典型数值 Typical Values	
			PC-800-2 (LL/D)	PC-800-2 (AB/B)
弯曲强度 Flexural Strength	GB/T 9341-2008	MPa	> 80	> 80
弯曲模量 Flexural Modulus	GB/T 9341-2008	MPa	> 10000	> 10000
拉伸强度 Tensile Strength	GB/T 1040.2-2006	MPa	≥25	≥25
拉伸模量 Tensile Modulus	GB/T 1040.2-2006	MPa	> 9000	> 10000
简支梁冲击强度 Charpy Impact Strength	GB/T 1043.1-2008	kJ/m ³	> 14	> 14
热变形温度 HDT	GB/T 1634.1-2004	MPa	> 200	> 200
吸水率 Water Absorption	GB/T 1034-2008	%	< 0.3	< 0.3
线膨胀系数 CTE (0-50°C)	ISO 11359.2-1999	UM/(m·°C)	22.29	22.29
巴氏硬度 Barcol Hardness	JC/T 2116-2012	HBa	> 55	> 55
阻燃等级 UL	UL94	-	V0	V0


注：
典型数值受测试手法影响。

Note:
Typical value is affected by the test method.

BMC FOR PLASTIC SEALED MOTOR 塑封电机团料

主要特点/CHARACTERISTICS

 优秀的阻燃性能
Excellent Flame Retardant Performance

 表面光泽度优异
Excellent Surface Gloss

 强度/刚性佳
Excellent Strength/Rigidity

 尺寸稳定
Dimensional Stability

经典案例/TYPICAL CASES



应用领域/APPLICATION

BMC出色的性能使得塑封马达经久耐用，性能出众，被广泛的应用在各种家用电器之中。而且我司产品出口资质认证齐全，受到各跨国公司的青睐。

The excellent performance of BMC makes the plastic motor durable and have outstanding performance, which is widely used in a variety of household appliances. Moreover, the export qualification certification of our products is complete, which is favored by multinational corporations.



技术参数/TECHNICAL PARAMETERS


物性指标 Properties	测试标准 Test Standards	单位 Units	典型数值 Typical Values			
			PC-600K	PC-600	PC-800	PC-800-2
弯曲强度 Flexural Strength	GB/T 9341-2008	MPa	> 60	> 80	> 80	> 80
弯曲模量 Flexural Modulus	GB/T 9341-2008	MPa	≥8000	≥8000	≥8000	≥8000
拉伸强度 Tensile Strength	GB/T 1040.2-2006	MPa	≥25	≥25	≥25	≥25
简支梁冲击强度 Charpy Impact Strength	GB/T 1043.1-2008	KJ/m ³	> 14	> 14	> 14	> 14
电气强度 Electric Strength	GB/T 1408.1-2008	Kv	> 10	> 10	> 10	> 10
耐电弧 Arc Resistance	GB/T 1411-2002	S	180	180	180	180
热变形温度 HDT	GB/T 1034-2008	°C	> 180	> 190	> 200	> 200
体积电阻率 (常态) Volume Resistance	IOS 11359.2-1999	Ω·cm	6.607x10 ¹³	6.607x10 ¹³	5.337x10 ¹³	1.479x10 ¹³
体积电阻率 (浸水24H) Volume Resistance	GB/T 2116-2012	Ω·cm	3.243x10 ¹¹	1.533x10 ¹¹	2.4x10 ¹¹	1.431x10 ¹²
吸水率 Water Absorption	UL94	%	≤0.2	≤0.2	≤0.3	≤0.2
线膨胀系数 (0-50°C) CTE	IOS 11359.2-1999	UM/(m·°C)	23.89	21.74	22.76	21.06
灼热丝 Glow Wire	GB/T 5169.11-2006	°C	850	850	850	850
导热系数 Thermal Conductivity	ASTM D2717-95(2009)	W/(m·K)	1.122	1.105	1.107	1.083
GT(凝胶时间) Gelation Time	MLM	S	79	75	55	39
GT(固化时间) Curing Time	MLM	S	101	100	73	50
阻燃等级 Flexural Strength	UL94	-	5VA	5VA	V0	V0

注：
典型数值受测试手法影响。

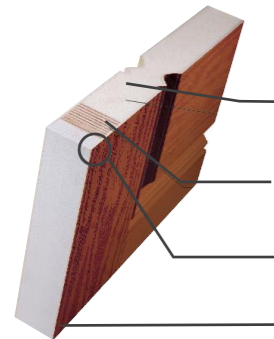
Note:
Typical value is affected by the test method.

SMC FIBERGLASS DOOR SMC复合材料门

主要特点/CHARACTERISTICS

-  强度高
High Strength
-  隔音隔热
Sound and Thermal Insulation
-  安全性好
High Safety
-  防潮防蛀
Moisture and Moth-proof
-  防腐蚀
Corrosion Resistance
-  低碳环保
Low Carbon Emission and Environmentally Friendly

主要结构/MAIN STRUCTURE



高密度环保聚氨酯发泡保温节能材料
High-Density CFC-FREE Polyurethane Core

高密度多层板
LVL Engineered Wood

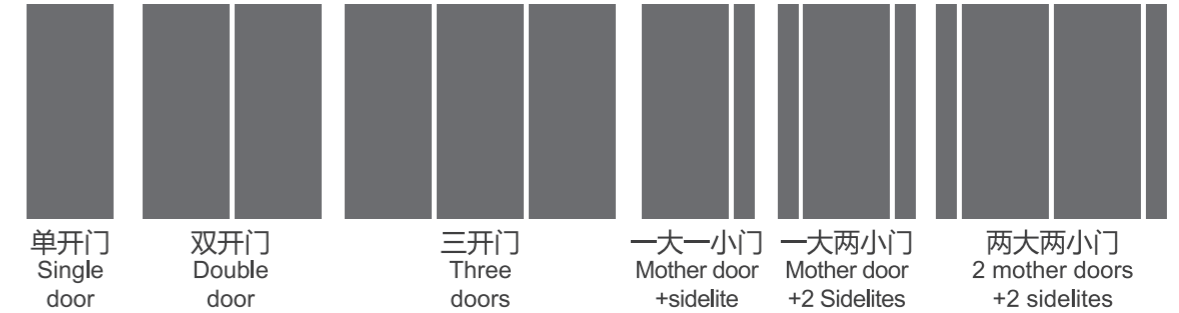
四角闭锁设计
Four-Sided Edgelock Design

超强度玻璃纤维门皮
High Strength Fiberglass Skin

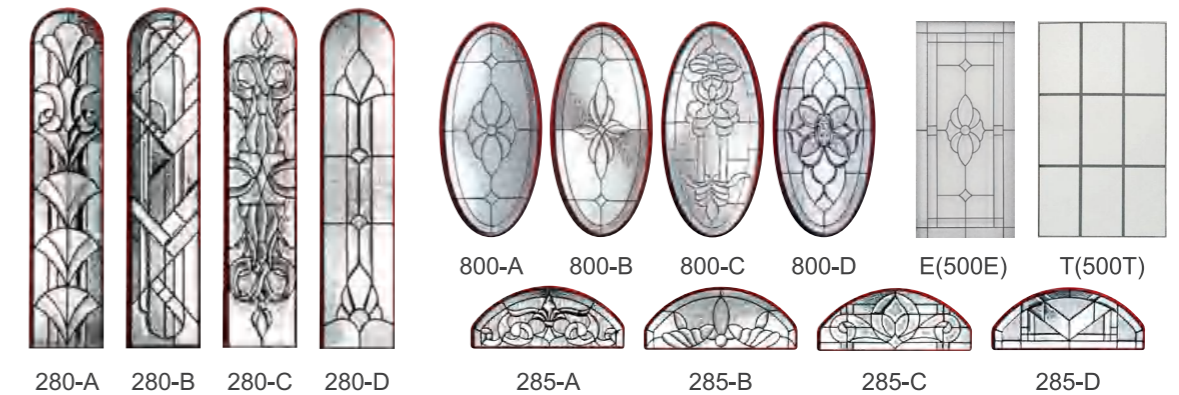
应用领域/APPLICATION



可选设计/DESIGN OPTIONS



可选玻璃/GLASS OPTIONS



可选款式/STYLE OPTIONS



备注：门款、尺寸、颜色、玻璃、配件、锁孔等均可定制
Remark: The door can be customized regarding style, size, colour, glass, hardware, lock hole, etc.