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Composite Material Products 复合材料产品

Guide Components And Sealing System Solutions Technology Partner

导向元件和密封系统解决方案的技术伙伴



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KINTOWE
High Quality Seal Supplier





Guide Components And Sealing System Solutions Technology Partner
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Company Profile 公司简介

嘉善金泰工程塑业有限公司创始于1986年，专业致力于导向元件和密封系统产品的设计、研发、制造与销售，依托卓越的科研实力与强力的执行效能为客户提供优质的密封组件解决方案。通过多年的努力，金泰塑业的市场范围不断扩展，已成为国内实力雄厚的密封件供应商之一，同时也赢得了广大海外客户的一致推崇。公司以“专业、优质、进取”为核心价值，通过不断的技术革新与质量管控、管理创新与服务提升，努力实现为客户创造最大化价值的企业目标。金泰产品以其良好的稳定性、加工精度、可靠性与完整性始终走在行业的前列，公司通过原材料的质量控制和成本管理，不断提升金泰品牌产品的市场竞争力。目前，公司占地面积12000多平方米，厂房8000多平方米，各类专业生产设备100多台套，总资产达7000万元。拥有卷管、塑料、金工三大生产加工车间以及专业的技术研发中心，具有高度集中的优质生产供应能力、同时具备专业的技术研发和产品试验测试能力。

Established in 1986, Jiashan Kintowe Engineering Plastic Co., Ltd specializes in guide components and sealing system product design, development, production and sales, provides customers with high quality sealing components solution relying on excellent scientific research strength and strong executive function. After years of efforts, the company has been expanding market scope, becomes one of the capitalized sealing element manufactures in China and is widely praised by overseas customers.The company cites "Professional, High Quality, Enterprising" as the core value, makes efforts to achieve the goal of creating maximum value for the customer by continuous technical innovation and quality control, management innovation and service improvement. Based on excellent stability, precision, reliability and integrity, company's products stay in the forefront of industry. By quality control and cost management of raw materials, the company is constantly improving market competitiveness of Kintowe brand products. At present, the company covers an area of more than 12000 square meters, has 8000-square-meter plant, more than 100 sets of various professional production equipment and 70-million-Yuan total assets. The company has three major workshops: tube-reeling workshop, plastic workshop and machining workshop and professional technology research and development centers. These endow company with the capacity of highly concentrated production supply and professional technology development and product test.

PFC-1 高强度夹布酚醛 PFC-1 HIGH-STRENGTH FABRIC-REINFORCED PHENOLIC RESIN

支承环、导向环 Support rings and guide rings

材料介绍

该材料是采用热固性线型酚醛树脂为基材，以优质棉纤维织物为增强材料，在一定的温度、一定压力下热固成型的高强度复合材料。具有高承载、耐温性能好，耐磨及良好的尺寸稳定性。可适用于液压缸导向环、支承环、工程机械、工程车辆摆动桥支架衬套、止推垫片、液压机械立柱导套等。



MATERIAL INTRODUCTION

PFC-1 is high-strength laminated material based upon the thermosetting phenolic resin and reinforced with high-quality cotton fiber and finally finished with heat solidifying process under certain pressure and temperature. This material is featured in its high load sustainability, excellent temperature resistance, abrasion resistance and excellent dimensional stability. It is applied to the production of guide rings of hydraulic cylinders, support rings, engineering machineries, bushings for the pivot axles for vehicles, thrust plates, guiding sleeves for the pillars of hydraulic machines, etc.

典型应用

- 液压油缸导向环、支承环
- 液压机械、锻压机床立柱导套
- 工程机械、车辆摆动桥支架衬套



TYPICAL APPLICATION

- Guide rings and support rings of hydraulic cylinders
- Bushings for the pivot axles for vehicles and engineering machineries
- Guiding sleeves for the vertical pillar of hydraulic machineries and forging press

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature °C
							干 Dry	润滑油 Oil	
PFC-1	淡黄色至棕色 Light Yellow to Brown	1.2-1.4	45	256	26	95	0.23-0.46	0.12-0.14	-40~+130

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
Note: The given data is only a general guidance and can vary due to the application, environment and media.

PFC-2

高强度夹布酚醛

PFC-2 HIGH-STRENGTH FABRIC-REINFORCED PHENOLIC RESIN

衬套、轴承

Bushings and bearings

材料介绍

该材料是采用含有均匀弥散石墨的可溶性酚醛树脂和优质棉纤维织物，在一定的温度、一定压力下热固成型的高强度复合材料。具有较高的机械强度、优异的摩擦磨损性能、良好的耐温性、能承受半静态下强烈震动，冲击载荷及轻度旋转载荷，可在少油或无油状态下工作，适用于工程机械、工程车辆摆动桥支架衬套，锻压机床立柱导套，球形轴承等。

MATERIAL INTRODUCTION

PFC-2 is high-strength laminated material is made of solute phenolic resin containing homogenously dispersed graphite and high-quality cotton fiber and finally finished with heat solidifying process under certain pressure and temperature. This material is featured in its high mechanical strength, excellent abrasion resistance and excellent temperature resistance, ability to sustain strong vibration under semi-static state, ability to sustain impact loads and slight torque loads. It can work under conditions where oil is little or even with no oil at all. It is applied to the production of bushings for the pillars of hydraulic machines as well as guiding sleeves for the vertical pillars of forging presses and spherical bearings.

典型应用

- 球阀、蝶阀轴套

• 球阀、蝶阀轴套

• 塑胶机械格林柱导套

• 水利机械轴套

• 液压机械、锻压机床立柱导套

• 工程机械、车辆摆动桥支架衬套

• 海洋工程装备球形轴承及船用轴承材料



TYPICAL APPLICATION

- Ball valves and butterfly valve bushings

• Plastic mechanical guide sleeves

• Bushings used in water conservative projects

• Guide sleeves for the vertical pillar of hydraulic machineries and forging press

• Bushings for the supporting frames of engineering machineries and pivot axles for vehicles

• Marine engineering equipment spherical bearings and marine bearing materials

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm ³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
							干 Dry	油润滑 Oil	
PFC-2	黑色 Black	1.2-1.4	42	220	24	90	0.15-0.30	0.08-0.12	-40~+130

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
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PFC-3

高强度夹布酚醛

PFC-3 HIGH-STRENGTH FABRIC-REINFORCED PHENOLIC RESIN

支承环、导向环

Support rings and guide rings

材料介绍

该材料是采用热固性线型酚醛树脂为基材，以优质高强度聚脂纤维织物为增强材料，在一定的温度和压力下经先进工艺合成的高强度复合材料，具有高承载、耐温、耐磨和良好的尺寸稳定性、柔韧性及抗冲击性能，可选用于工况环境震动较强的高压油缸导向支承环（如挖掘机、桩工机及煤矿机械等）。材料经填充一定数量的固体润滑材料后还可应用于各类衬套、轴承、止推片等机械零部件。

MATERIAL INTRODUCTION

PFC-3 is a kind of composite material of high strength, taking thermosetting, linear phenolic as basic materials, and taking high quality and strength polyester fiber fabric as strengthening material. It is composed by advanced technology under the certain temperature and pressure. So it gets some excellent features, such as high load sustainability, heat resistance, wear resistance, excellent dimensional stability, flexibility and shock resistance. It is suitable for making orientating and supporting ring of high pressure cylinders (like those in excavators, piling machineries, mining machineries etc) working under the condition with strong shock. By adding into some solid lubricants, it also can be used in making mechanical components such as bushings, bearings, thrust washers and so on.

典型应用

- 液压支架、液压油缸导向环、支承环

• 液压机械、锻压机床立柱导套

• 工程机械、车辆摆动桥支架衬套



TYPICAL APPLICATION

- Hydraulic support, guide rings and support rings of hydraulic cylinders

• Guiding sleeves for the vertical pillar of hydraulic machineries and forging press

• Bushings for the pivot axles for vehicles and engineering machineries

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm ³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
							干 Dry	油润滑 Oil	
PFC-3	淡黄色至棕色 Light Yellow to Brown	1.2-1.4	40	320	210	80	0.20-0.40	0.08-0.12	-40~+130

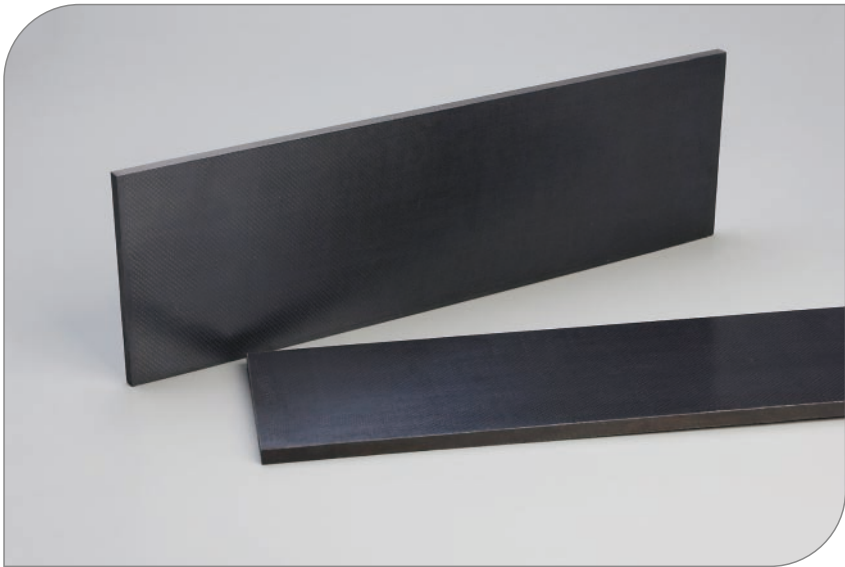
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PFC-4 自润滑复合材料
PFC-4 SELF-LUBRICATING COMPOSITE MATERIAL

板材
Sheet materials

材料介绍

该材料采用碳纤维织物浸渍含有固体润滑剂的酚醛树脂，在特定的温度和压力下经先进工艺成型的高性能材料，具有较高的耐温性，优良的自润滑性，较高的压缩强度，硬度等机械物理性能，与钢板复合后可用于冶炼行业的推钢机传送板，经缠绕成型后用于各类机械的关节衬套及使用温度较高的机械摩擦、传动零部件等。



MATERIAL INTRODUCTION

This material adopts carbon fiber fabric immersed in phenolic resin. It is a high performance material, formed by advanced technology under the certain temperature and pressure. Thanks to that, it has high heat resistance, excellent self-lubricating performance, high compressive strength and hardness. By laminating with steel plates, it can be used as a delivery board of steel pushers. And by winding, it can be used in making the bushings for mechanical joints or the friction components and transmission parts for the machines working under high temperature.

典型应用

- 钢铁工业推钢机传送板
- 高温机械摩擦材料
- 各类机械关节衬套、摩擦及传动零部件等



TYPICAL APPLICATION

- Delivery board of steel pusher in steel industry
- Friction materials for machines working under high temperature
- The bushings, the friction components and transmission parts for various machineries

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm³	极限抗压强度 Ultimate Compressive StrengthMPa	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
					干 Dry	油润滑 Oil	
PFC-4	黑色 Black	1.4-1.5	450	108	0.15-0.30	0.08-0.13	-40~+130

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
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PFC-5 高强度夹布酚醛
PFC-5 HIGH-STRENGTH FABRIC-REINFORCED PHENOLIC RESIN

支承环、导向环
Support rings and guide rings

材料介绍

该材料将优质棉纤维织物通过均匀分布的二硫化钼的可溶性酚醛树脂，在一定温度、一定压力下缠绕成型的高强度复合材料。具有较高的机械强度、优异的摩擦磨损性能、良好的耐温性、能承受半静态下强烈震动，冲击载荷及轻度旋转载荷，可在少有或无油状态下工作，适用于工程机械、造船、水力发电等行业。



MATERIAL INTRODUCTION

PFC-5 high-strength composite material is composed of high quality cotton fabric, soluble phenolic resin and MOS2 and processed under certain temperature and pressure. PFC-5 has good mechanical strength, wear resistance and heat resistance, capable of absorbing semi-static high shock loading and slight rotate loading. It is capable for oilless or low-oil conditions, thus can apply to engineering machinery, shipbuilding, hydroelectric generation and so on.

典型应用

- 工程机械导向环、衬套、轴套
- 水利机械轴套
- 液压机械、锻压机床立柱导套
- 船用轴承



TYPICAL APPLICATION

- Engineering Machinery Guide Rings, Bushings, Shaft Sleeves
- Hydraulic Machinery, Forging Machinery Tool Guide Bushings
- Water Conservancy Machinery Bearings
- Marine Bearings

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
							干 Dry	油润滑 Oil	
PFC-5	灰色 Grey	1.2-1.4	45	330	24	90	0.15-0.30	0.07-0.11	-40~+130

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
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PFC-6

高强度夹布酚醛

PFC-6 HIGH-STRENGTH FABRIC-REINFORCED PHENOLIC RESIN

支承环、导向环
Support rings and guide rings

材料介绍

该材料是以新型酚醛树脂为基材，特种合成纤维为增强材料，在一定温度、一定压力下缠绕成型的高强度复合材料。机械强度高，产品柔韧性好，优异的耐磨性和低摩擦性，使其在各种工况复杂的工作环境中具有无与伦比的适应性。

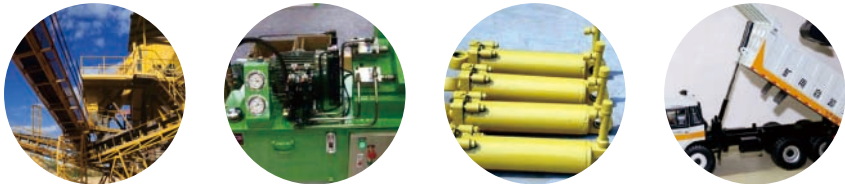


MATERIAL INTRODUCTION

PFC-6 high-strength composite material is based upon new type of phenolic resin, reinforced with specialty synthetic fiber and processed under certain temperature and pressure. PFC-6 has good mechanical strength and flexibility, superior wear resistance and low friction, thus allows it can adapt all types of service conditions.

典型应用

- 高压油缸导向环
- 工程机械导向环、衬套、轴套
- 矿山、煤机设备支承环
- 液压机械、锻压机床立柱导套



TYPICAL APPLICATION

- High Pressure Oil Cylinder Guide Rings
- Mining and Coal Machinery Equipment Support Rings
- Engineering Machinery Guide Rings, Bushings, Shaft Sleeves
- Hydraulic Machinery, Forging Machinery Tool Guide Bushings

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm ³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
							干 Dry	油润滑 Oil	
PFC-6	淡黄色至棕色 Light Yellow to Brown	1.2-1.4	40	320	215	80	0.20-0.40	0.09-0.12	-40~+130

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
Note: The given data is only a general guidance and can vary due to the application, environment and media.

PFC-7

高强度夹布酚醛

PFC-7 HIGH-STRENGTH FABRIC-REINFORCED PHENOLIC RESIN

支承环、导向环
Support rings and guide rings

材料介绍

该材料采用改性酚醛树脂为基材，超强特种纤维为增强材料，添加一定量的固体润滑剂，在一定温度和压力下成型的高强度复合材料。与其他酚醛夹布（棉纤维、聚酯纤维、锦纶纤维等）产品相比，具有更加优异的抗压性能，抗拉性能，耐磨性能、阻燃、耐热性能，耐化学腐蚀性能等特点，能适应各种工况要求复杂的工作环境。



MATERIAL INTRODUCTION

PFC-7 is based on modified phenolic resin reinforced with ultra strong special fiber, added with solid lubricants, processed under certain temperature and pressure. Compare to other fiber-reinforced (cotton fiber, polyester fiber, polyamide fiber and so on) phenolic products, PFC-7 has excellent compressive, tensile, wear, fire, heat and chemical corrosion resistant property, can adapt to the complex working conditions.

典型应用

- 导向环
- 矿山、煤机设备支承环
- 造船、海洋机械零部件
- 水利、风力设备零部件
- 海上停泊系统、海事平台零部件



TYPICAL APPLICATION

- Guide ring
- Spare parts for water conservancy, wind power equipment
- Back-up ring for mine, coal machinery and equipment
- Spare parts for mooring system, offshore platform
- Spare parts for shipbuilding, marine machinery

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm ³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
							干 Dry	油润滑 Oil	
PFC-7	灰色 Grey	1.2-1.4	74	460	45	110	0.15-0.25	0.07-0.12	-40~+200

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
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PFC-20 自润滑复合材料

PFC-20 SELF-LUBRICATING COMPOSITE MATERIAL

球形轴承、导向环
Spherical bearings and guide rings



材料介绍

该材料采用合成纤维与增强型聚酯树脂并添加自润滑微粉复合而成。具有耐磨性能优，力学性能高，耐化学腐蚀性能好，吸水率低等特点。

典型应用

- 导向环
- 轴承、轴套、轴瓦
- 造船、海洋零部件
- 工程机械零部件
- 水力发电零部件等



TYPICAL APPLICATION

- Guide rings
- Bearings, Shaft sleeves, Bearing Bushes
- Shipbuilding, Marine Components
- Engineering Machinery Components
- Hydroelectric Power Components

技术参数 TECHNICAL PARAMETERS

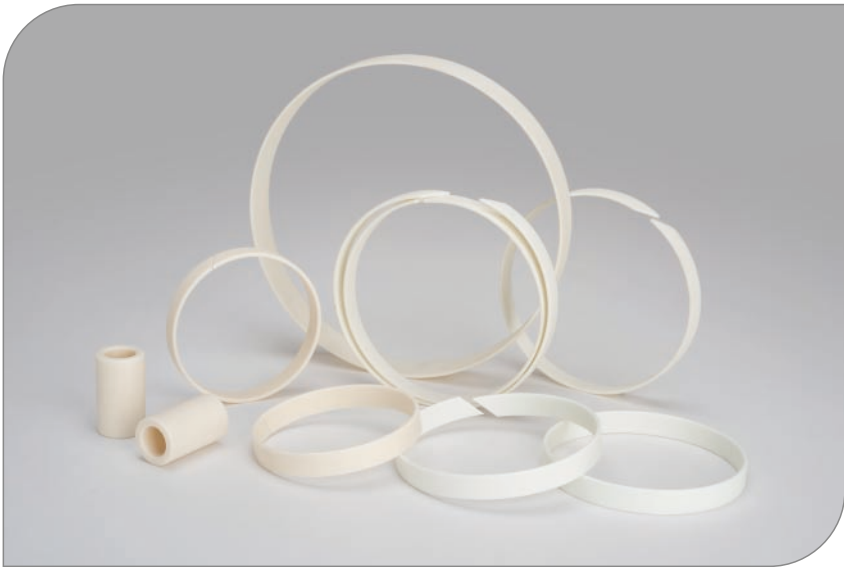
型号 Part Number	颜色 Color	密度 Density g/cm ³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
							干 Dry	油润滑 Oil	
PFC-20	绿色 Green	1.2-1.4	60	320	105	80	0.14-0.18	0.08-0.11	-40~+130

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
Note: The given data is only a general guidance and can vary due to the application, environment and media.

PFC-21 自润滑复合材料

PFC-21 SELF-LUBRICATING COMPOSITE MATERIAL

支承环、导向环
Support rings and guide rings



材料介绍

该材料采用特种合成纤维与增强型聚酯树脂并添加自润滑微粉复合而成。该材料尺寸稳定性，其优异的耐磨性和低摩擦性，在无油或少油的状况下具有突出的优势。

典型应用

- 导向环
- 船用及海事平台轴承
- 水利、水电系统轴承
- 食品机械轴承



TYPICAL APPLICATION

- Guide rings
- Marine and Offshore Platform Bearings
- Water Conservancy, Hydropower System Bearings
- Food Machinery Bearings

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm ³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
							干 Dry	油润滑 Oil	
PFC-21	白色 White	1.2-1.4	60	320	105	80	0.12-0.15	0.06-0.10	-40~+130

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
Note: The given data is only a general guidance and can vary due to the application, environment and media.

PFC-22

自润滑复合材料
PFC-22 SELF-LUBRICATING COMPOSITE MATERIAL

球形轴承、导向环
Spherical bearings and guide rings

材料介绍

该材料采用特种合成纤维与增强型聚酯树脂并添加固体润滑剂及其他剂组复合而成。耐磨性能非常好，而且在水中几乎没有膨胀，与金属材料相比，它的弹性变形可以让它在高负载的情况下正常工作。它可以适应水（海水）环境，为许多特殊装备提供有效的免维护方案。

MATERIAL INTRODUCTION

PFC-22 is composed of specialty synthetic fiber, reinforced polyester resin and solid lubricants and other ingredients. PFC-22 has superior wear resistance and almost no water swell; compares to metallic material, good elastic deformation allows it operating well under high loading. It is ideal for underwater operation (even in sea water) and offers maintenance-free solutions for special equipments.

典型应用

- 导向环、轴套
- 尾轴轴承、船舵轴承
- 主舱口轴承、舱口盖垫
- 货船泵轴承、推进器轴承
- 滑轮轴承、甲板机械轴承
- 海上停泊系统轴承、海事平台轴承



TYPICAL APPLICATION

- Guide Rings, Shaft Sleeves
- Cargo Pump Bearings, Propeller Bearings
- Stern Tube Bearings, Rudder Bearings
- Sheave Bearings, Deck Machinery Bearings
- Main Hatch Bearings, Hatch Cover Pads
- Mooring System Bearings, Offshore Platform Bearings

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm ³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
							干 Dry	油润滑 Oil	
PFC-22	黑色 Black	1.2-1.4	60	330	105	80	0.13-0.16	0.07-0.11	-40~+130

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
Note: The given data is only a general guidance and can vary due to the application, environment and media.

PFC-30

自润滑复合材料
PFC-30 SELF-LUBRICATING COMPOSITE MATERIAL

船舱口盖垫
Hatch cover pads

材料介绍

该材料采用合成纤维与增强型环氧树脂并添加耐磨材料复合而成。摩擦系数低，力学性能高，尺寸稳定性好，耐化学腐蚀性能好，电绝缘性好等特性。

MATERIAL INTRODUCTION

PFC-30 is composed of synthetic fiber, reinforced epoxy resin and added with wear resistant material. This material is featured in its low coefficient of friction, high mechanical property, excellent demensional stability, good chemical and corrosive resistance, and electrical insulation properties.

典型应用

- 船舶专用轴承
- 船舶舱口盖支承垫
- 造船、海洋零部件
- 泵零部件
- 水力发电零部件等



TYPICAL APPLICATION

- Bearings of ships
- Components for pumps
- Support pad of hatch covers
- Components for hydroelectric power
- Shipbuildings, marine components

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm ³	极限抗压强度 Ultimate Compressive Strength MPa	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
					干 Dry	油润滑 Oil	
PFC-30	绿色或灰色 Green/Grey	1.3-1.5	350	94	0.14-0.20	0.08-0.12	-40~+120

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
Note: The given data is only a general guidance and can vary due to the application, environment and media.

PFC 复合材料球形轴承
COMPOSITE SPHERICAL BEARING

球形轴承、导向环
Spherical bearings and guide rings

材料介绍

球形轴承一般用于速度较低的摆动运动（即角运动），由于滑动表面为球面形，亦可在一定角度范围内作倾斜运动（即调心运动），在支承轴与轴壳孔不同心度较大时，仍能正常工作。本公司球形轴承是由夹布酚醛或者聚酯树脂夹布等复合材材料加工而成，在海水或其他水溶液中几乎没有电化学腐蚀，因此不会生锈。具有很大的承载能力和抗冲击能力，并具有抗腐蚀、耐磨损、自调心、润滑好或自润滑，无润滑污物污染的特点，即使安装错位也能正常工作。



MATERIAL INTRODUCTION

Spherical bearing is generally used for low speed pendular movement (i.e. angular motion), because the sliding surface is spherical shaped, it can also be used for tilting motion (i.e. aligning movement) in a certain angle range. Even the nonconcentricity between the supporting shaft and the shaft shell hole is bigger, it can still work normally. Kintowe’ s spherical bearing is processed with composite material (i.e. fiber-reinforced phenolic resin, fiber-reinforced polyester resin and so on), has virtually no electro-chemical corrosion in seawater or other aqueous solutions, which means that the composite bearing will not rust. Kintowe’ s spherical bearing has large load capacity and impact resistance, also has the properties of corrosion resistance, wear resistance, self-aligning, good lubrication or self-lubricating and no pollution, even if dislocation installation, it can work normally.

典型应用

- 造船、海事机械设备
- 水利机械设备
- 需要自润滑免维护的设备
- 自动化设备



TYPICAL APPLICATION

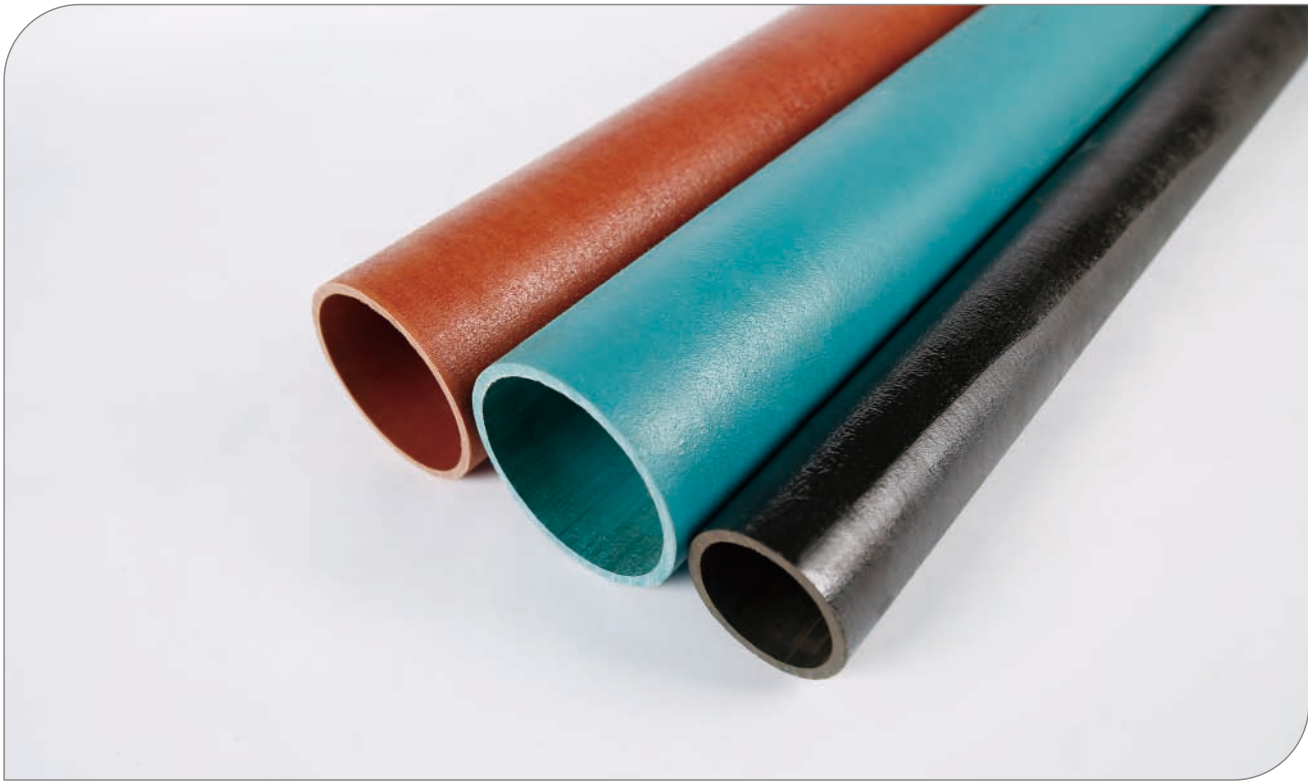
- Spare parts for shipbuilding, marine machinery
 - Spare parts for water conservancy equipment
- Self-lubricating and maintenance-free equipment
 - Automation equipment

技术参数 TECHNICAL PARAMETERS

型号 Part Number	颜色 Color	密度 Density g/cm ³	拉伸强度 Tensile Strength MPa	极限抗压强度 Ultimate Compressive Strength MPa	冲击强度 Impact Strength J/m	硬度 Rockwell Hardness HRM	摩擦系数 Coefficient of Friction		工作温度 Temperature ℃
							干 Dry	油润滑 Oil	
PFC-5	灰色 Grey	1.2-1.4	45	330	24	90	0.15-0.30	0.07-0.11	-40~+130
PFC-20	绿色 Green	1.2-1.4	60	320	105	80	0.14-0.18	0.08-0.11	-40~+130

注：给定数据仅供一般性参考，可能随应用、环境和媒介变化。
Note: The given data is only a general guidance and can vary due to the application, environment and media.

PFC 高强度夹布系列半成品（管材）
SERIES OF SEMI-FINISHED PFC HIGH-STRENGTH FABRIC PRODUCTS (PIPE MATERIAL)



材料介绍

金泰公司具有生产高品质夹布系列产品成熟的生产工艺和巨大的生产能力，可以为用户提供各种规格和配方的夹布系列管材，以高品质和齐全的规格及快速的供货能力来满足各类用户的需求。

MATERIAL INTRODUCTION

Relying on matured production technology and tremendous productivity on high-strength fabric series products, Kintowe Company provides all kinds of fabric series pipe materials to customers, and satisfy all demands from customers with high quality, full range of specifications and timely supply.

典型应用

- 复合材料球形轴承
- 液压缸导向环、支承环
- 机械传动系统衬套、止推垫片
- 轴承保持架
- 钢铁工业设备用衬套、垫片
- 电力工业绝缘材料
- 船舶工业水下轴承材料



TYPICAL APPLICATION

- Spherical bearings built with composite material
 - Guide rings and support rings for hydraulic cylinders
 - Bushings and thrust washers for mechanical transmission systems
 - Bearing's retainers
- Bushings and washers for machines in steel industry
 - Insulating material for power industry
 - Underwater bearing materials for shipbuilding industry