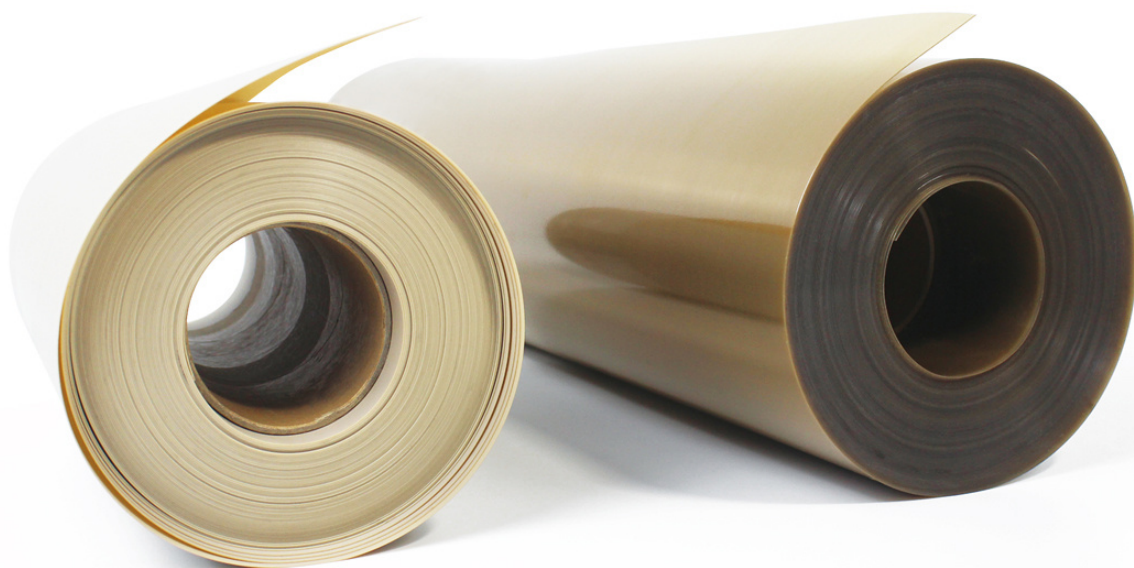


聚醚醚酮薄膜/薄片

PEEK FILMS/SHEET

POLY-ETHER-ETHER-KETONE



PEEK FILMS/SHEET

PEEK 薄膜 / 薄片是由 PEEK 粒子经高温熔融，流延成型。我司生产的薄膜主要分为非晶透明膜和结晶膜。

PEEK film/sheet is made of PEEK particles by high temperature melting, casting molding. The films produced by our company are mainly divided into amorphous transparent films and crystalline films.

非晶薄膜
Amorphous Film

结晶薄膜
Crystalline Film

PEEK 薄膜 / 薄片的应用行业

PEEK Film/Sheet Application Industry



电子产品 Electronics

- CD 和 DVD 电机垫圈
CD and DVD Motor Washers
- 扬声器振动膜
Vibration Film of Loudspeaker
- 电路板基板
Circuit Board Substrate
- 5G 天线基板等相关组件
5G Antenna Base Board and Other Related Components
- 超级电容器
Supercapacitor



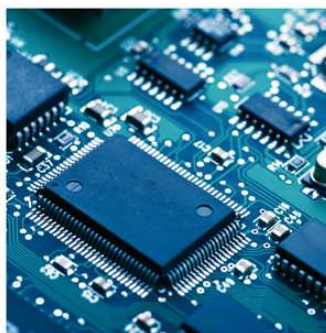
汽车 Automobile

- 密封垫片
Sealing Gasket
- 止推垫圈
Thrust Washers
- 电机绝缘
Motor Insulation
- 高温电路板
High Temperature Circuit Board



航空航天 Aerospace

- 绝缘薄膜
Insulating Film
- 热成型部件
Thermoforming Components
- 碳纤维复合材料
Carbon Fiber Composites
- 多功能胶粘带
Multi-functional Adhesive Tape



电子半导体 Electronic Semiconductor

- 液晶玻璃抛光框架
Polished Frame of Liquid Crystal Glass
- 硅晶片载体
Silicon Wafer Carrier
- 晶圆与玻璃传输带
Wafer and Glass Conveyor Belts



石油、石化 Petroleum, Petrochemicals

- 石油和天然气电缆包装物
Packaging for Oil and Gas Cables
- RFID 标签
RFID Tags
- 电磁线绝缘
Electromagnetic Wire Insulation
- 压力传感器
Pressure Sensor
- 柔性薄膜加热器
Flexible Film Heater
- 输送带装置
Conveyor Belt Device
- 高性能标签
High Performance Label



食品和医疗 Food and Medicine

- 工艺用带装置
Process Belt Device
- 医药标签
Medical Labels
- 薄膜开关
Membrane Switch
- 特殊包装
Special Packing

PEEK 薄膜 / 薄片规格表

PEEK Film/Sheet Specification

产品名称 Code	颜色 Color	表面纹理 Texture	厚度 × 宽度 (Thickness × width) mm
PEEK薄膜 PEEK Film	本色/黑色 Natural/Black	光面/光面 Polished / Polished	(0.1~0.25) × 1360
PEEK薄片 PEEK Sheet		光面/哑光 Polished / Matte	(0.25~0.4) × 1360
		哑光/哑光 Matte / Matte	(0.5~0.8) × 680

PEEK 薄膜 / 薄片物性表

PEEK Film/Sheet Physical Properties

	特性 Property	测试方法 Tes Method	单位 Units	测试值 Value
物理性能 PHYSICAL	密度 Density	ASTM D792	g/cm ³	1.26~1.29
	平均吸水率24H Average Water Absorption Equilibrium,24h	ASTM D570	%	0.04
	热收缩率 Heat Shrinkage	ISO 11501 (200°C)	%	0.8~4.7
机械性能 MECHANICAL	拉伸屈服强度 Tensile Strength at Yield	ASTM D882	MD (MPa)	70~90
		ASTM D882	TD (MPa)	68~86
	拉伸断裂强度 Tensile Strength at Break	ASTM D882	MD (MPa)	120~186
		ASTM D882	TD (MPa)	112~115
	断裂伸长率 Elongation Ultimate	ASTM D882	MD (%)	186~225
		ASTM D882	TD (%)	145~180
拉伸弹性模量 Tensile Modulus	ASTM D882	MD (MPa)	1993~2755	
	ASTM D882	TD (MPa)	1964~2568	
耐温性能 THERMAL	熔点 Melting Point	ISO11357	°C	343
	热膨胀系数 Coefficient of Thermal Expansion	ISO11359 (< Tg)	ppm/K	55~60
	玻璃转化温度 Glass Transition Temperature	ISO11357	°C	143
电气性能 ELECTRICAL	介电强度 Dielectric Strength (25 μm)	ASTM D149	KV/mm	150
	体积电阻 Volume Resistivity @25°C,50%RH	ASTM D257	Ω · m	10 ¹⁶
	介电常数 Dielectric Constant	ASTM D150 (50MHz)		3.12~3.3
	介质损耗 Loss Tangent	ASTM D150 (50MHz)		0.004~0.005

★备注：以上数据为我司实验室0.15mm薄膜检测数据，仅供参考，不能作为验收标准。

Note: The Above Data is the 0.15mm Film Test Data of Our Laboratory, For Reference Only, Can Not be Used as Acceptance

PEEK 薄膜 / 薄片的关键特性

PEEK Film/Sheet Key Properties



扫码关注公众号
Official Wechat Account



扫码添加微信
Customer Service Account

01



耐高、低温性
High and Low
Temperature Resistance

耐高、低温热塑性树脂，熔点 343°C，美国 UL 认可的长期使用温度为 260°C。在 -198°C 状态时还保持很高强度。
High and low temperature resistant thermoplastic resin, melting point 343 ° C. UL approved long-term use temperature of 260 ° C. At -198 ° C it remains very strong.

02



超耐磨、自润滑
Wear-Resistant, Self-Lubricating

磨损失重重量极小，具有出众的自润滑特性。
Wear loss weight is minimal, with outstanding self-lubricating characteristics.

03



优越的绝缘性能
Excellent Insulation Properties

在高温、高压、高频高速、高湿等环境下仍然具有优异的绝缘性和稳定性。
It still has excellent insulation and stability in high temperature, high pressure, high frequency, high humidity and other environments.

04



耐腐蚀
Corrosion Resistance

在通常的化学药品中，能溶解或者破坏它的只有浓硫酸，它的耐腐蚀性与镍钢相近。
In the usual chemicals, only concentrated sulfuric acid can dissolve or destroy it, and its corrosion resistance is similar to nickel steel.

05



抗辐射性好
Good Radiation Resistance

对各种辐射有优异的抵抗能力。
Excellent resistance to all kinds of radiation.

06



良好阻燃性
Good Flame Retardancy

一定厚度的 PEEK 膜具有自阻燃性，燃烧产物低烟无毒。
Peek film with a certain thickness of self-flame retardant, combustion products of low smoke non-toxic.

07



耐水解
Hydrolysis Resistance

有较低的吸水率 (0.04%)，能在 200°C 水蒸气下长期使用。
It has low water absorption (0.04%) and can be used under 200 ° C water vapor for a long time.

08



柔韧性好
Good Flexibility

江苏君华特种高分子材料股份有限公司

JiangSu JunHua HPP Co., Ltd.

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