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About Us

九江市磐泰新材料有限公司是一家专注于高性能纤维及先进复合材料研发、生产与全球销售的专业制造商。公司依托母公司磐泰复合材料深厚的技术积淀，专业为全球客户提供高品质产品解决方案，主营产品包括玻璃纤维布、芳纶、聚四氟乙烯（PTFE / 特氟龙）、高硅氧及环氧板等。

我们的材料广泛应用于电子电气、航空航天、工业制造、新能源及防火阻燃等多个关键领域。凭借产品优异的耐高温性、卓越电绝缘性、阻燃性及化学稳定性，公司在全球市场树立了可靠、高性能的良好品牌口碑。

Jiujiang Leadcomp Co., Ltd. is a professional manufacturer dedicated to the R&D, production, and global distribution of high-performance fibers and advanced composite materials. Building on the profound technical heritage of our parent company, Jiujiang PTFE co., Ltd., we specialize in delivering premium solutions, including fiberglass cloth, aramid, PTFE (Teflon), high-silica, and epoxy board products, to customers worldwide. Our materials are trusted across a wide range of critical industries, including electronics & electrical, aerospace, industrial manufacturing, new energy, and fire protection. Renowned for their exceptional high-temperature resistance, superior electrical insulation, flame retardancy, and chemical stability, our products have established a strong reputation for reliability and performance on the global stage.

资质证书 Qualification Certificate

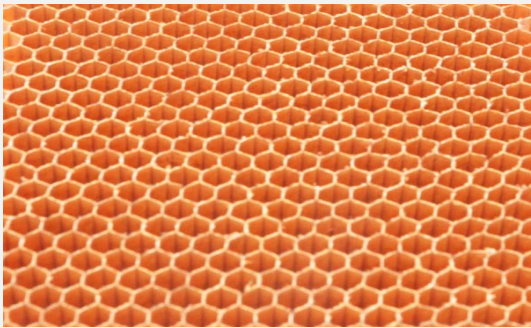




产品概述Product Overview

芳纶蜂窝芯以芳纶原纸浸渍酚醛树脂，经涂胶、叠层、热压固化、拉伸展开、定型、切片制成的六边形蜂窝芯；分间位芳纶（Meta-Aramid，NOMEX 型，航空内饰主流）对位芳纶（Para-Aramid，Kevlar 型，高结构强度）两大系列，属于非金属三明治夹层芯材，无金属电化学腐蚀风险。

Aramid honeycomb cores are hexagonal-celled structures manufactured by impregnating aramid base paper with phenolic resin, followed by processes including adhesive application, lamination, hot-press curing, expansion, stabilization, and slicing. These cores are categorized into two main types: meta-aramid (e.g., Nomex, widely used for aircraft interiors) and para-aramid (e.g., Kevlar, known for high structural strength). As non-metallic sandwich core materials, they eliminate the risk of electrochemical corrosion associated with metals.



产品性能 Product Performance

1.力学性能：轻质高比强，抗疲劳、抗冲击；对位芳纶韧性、承载更强

Mechanical properties: Lightweight with a high strength-to-weight ratio, fatigue resistance, and impact resistance; para-aramid offers superior toughness and load-bearing capacity

2.热学性能：长期使用：-60℃~150℃；短时峰值：180~200℃，热膨胀系数低

Thermal properties: Long-term service temperature: -60℃ to 150℃; short-term peak temperature: 180℃ – 200℃; low coefficient of thermal expansion.

3.介电性能：低电磁波损耗

Dielectric properties: Low electromagnetic wave loss

4.阻燃性能：OI≥28%，离火自熄，无熔融滴落，低烟低毒

Flame-retardant properties: OI ≥ 28%, self-extinguishing upon removal from a flame, no melting or dripping, low smoke, and low toxicity.

5.耐环境性能：耐盐雾、霉菌、弱酸弱碱；无电化学腐蚀；不耐浓强碱、强氧化剂

Environmental resistance: Resistant to salt spray, mold, and weak acids/alkalis; no electrochemical corrosion; not resistant to concentrated strong alkalis or strong oxidizing agents.



产品规格 Product Specifications

孔格 Hole dimensions	边长 Side length	mm	1.83, 2.29, 2.75, 3.67, 4.5, 5.5
	内切圆直径 Diameter of the inscribed circle	inch	1/8, 5/32, 3/16, 1/4, 5/16, 3/8
		mm	3.2, 4.0, 4.8, 6.4, 8.0, 9.5
密度 density		kg/m3	32, 40, 48, 64, 80, 96, 128, 144
标准尺寸 Standard size		inch	48*96 51*102 63*126
		mm	1220*2440 1300*2600 1600*3200

产品应用 Product Applications

芳纶蜂窝芯材主要用作夹层板（三明治夹层）的芯层，凭借轻质高强、低烟阻燃与优异透波特性，广泛应用于航空航天、轨道交通、军工电子等领域

Aramid honeycomb core material is primarily used as the core layer in sandwich panels. Thanks to its high strength-to-weight ratio, low smoke emission, flame retardancy, and excellent electromagnetic wave transparency, it is widely applied in sectors such as aerospace, rail transit, and military electronics.



蜂窝夹层板
Honeycomb sandwich panel



航空航天
Aerospace



轨道交通
Rail Transit