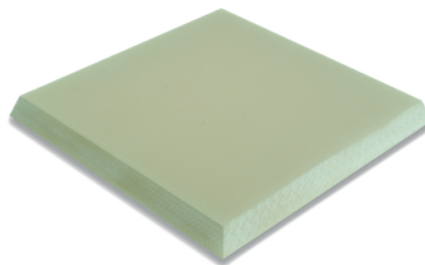


CJ832

Description 产品描述

CJ832由玻璃纤维布在高温的环境下与易加工环氧树脂制造而成。此产品能够达到NEMA FR-4或IEC EPGC202的性能要求，在高温环境下具有极好的机械强度和电气性能，有UL认证。其在机械应用中的连续操作温度为130℃。

CJ832 is constructed of a woven glass fabric combined with a high temperature, easy machining epoxy resin. It is engineered to provide NEMA FR-4 or IEC EPGC202 properties, which has good mechanical strength and electrical properties at high temperatures, with UL certification. The continuous operating temperature is 130℃ in mechanical applications.



产品特点

- 耐热等级B级；
- 较好的尺寸稳定性；
- 阻燃等级为UL 94 V-1；
- 抗冲击性和耐湿性高；
- 良好的机械加工性；
- 高温环境下电气性能较好。

Features

- Heating resistance class is B;
- Good dimensional stability;
- Flame-retardant grade is UL 94 V-0;
- High impact and humidity resistance;
- Easy for processing and machining;
- Good electrical strength under high temperature;

制造能力

厚度范围

- 0.8mm – 150mm

板材尺寸

- 1219mm x 2438mm
- 1219mm x 1219mm
- 914mm x 1219mm

切割板材和加工成型件都可提供。

Manufacturing Capabilities

Thickness Range

- 0.8mm – 150mm

Sheet Size

- 1219mm x 2438mm
- 1219mm x 1219mm
- 914mm x 1219mm

Cut panels and machined parts are also available.

行业标准

- NEMA LI-1 FR-4
- IEC 60893 EPGC202

Industry Standard

- NEMA LI-1 FR-4
- IEC 60893 EPGC202

产品应用

- 机械，电气和电子的高性能绝缘结构件；
- 印刷电路板；
- 电气绝缘部件；
- 电气开关，控制柜；
- 电机，变压器；

Application

- Used in mechanical, electrical and electronic high insulation structure parts;
- Printing Circuit Board;
- Electric insulation component;
- Electric switches, control cabinet;
- Motor, transformer;

| 产品特性 TYPICAL PROPERTIES | | 测试方法 TEST METHOD | 单位 UNITS | 平均值 TYPICAL VALUE |
|-----------------------------------|--------|---------------------|-------------|----------------------|
| 物理性能 PHYSICAL PROPERTIES | | | | |
| 吸水性 Water Absorption | | ISO 62 | mg | 5.5 |
| 机械性能 MECHANICAL PROPERTIES | | | | |
| 弯曲强度 Flexural Strength | 纵向(LW) | ISO 178 | MPa | 500 |
| | 横向(CW) | | MPa | 450 |
| 简支梁冲击强度 Charpy Impact Strength | 纵向(LW) | ISO 179 | kJ/m² | 57 |
| | 横向(CW) | | kJ/m² | 47 |
| 悬臂梁冲击强度 Izod Impact Strength | 纵向(LW) | ISO 180 | kJ/m² | 60 |
| | 横向(CW) | | kJ/m² | 48 |
| 热性能 THERMAL PROPERTIES | | | | |
| 燃烧性 Flammability | | IEC 60695 | Class | V-0 |

| 产品特性 TYPICAL PROPERTIES | | 测试方法 TEST METHOD | 单位 UNITS | 平均值 TYPICAL VALUE |
|-------------------------------|-----------------------|---------------------|-------------|----------------------|
| 电气性能 ELECTRICAL PROPERTIES | | | | |
| 绝缘电阻 Insulation Resistance | | IEC 60893 | MΩ | 1.0×10^9 |
| 介电强度 Dielectric Strength | 垂直层向 Perpendicular | IEC 60243 | kV/mm | 24 |
| 击穿电压 Breakdown Voltage | 平行层向 Parallel | IEC 60243 | kV | 42 |

该测试结果是基于三种标准厚度得出的，分别为1.588mm (1/16")、3.175mm (1/8") 和12.7mm (1/2")。

本数据基于精确及可靠的分析方法上，仅作参考之用。此产品的任何销售行为均受其项下的销售合同条款控制。以上所提供的数据为“平均值”，不被视为“规范值”。

为了确保该材料对于某特定应用的适用性，客户不能依赖于诺普莱克斯-迈卡达所提供的材料性能特点，而应自行进行测试核实。

使用方有责任来确保他们所获得的是最新版技术数据表，并且和客服人员核实，或者也可以访问我们的网站 www.norplex-micarta.asia 来判断该数据表是否为最新版本。

数据规范编写员：提交前请联系诺普莱克斯-迈卡达获取规范值。

Data is obtained from three standard thicknesses – 1.588mm (1/16"), 3.175mm (1/8") and 12.7mm (1/2").

This data, while believed to be accurate and based on reliable analytical methods, is for informational purposes only. The terms and conditions of the agreement under which it is sold will govern any sales of this product. Data supplied above are "typical values"; not to be considered "specification values".

To assure the material's performance is adequate for a specific application; customers should verify, independent of Norplex-Micarta, performance characteristics of interest.

It is the responsibility of the users of this information to make sure that they have the latest version of this TDB, and are urged to check with Customer Service or, preferably our web site, www.norplex-micarta.asia, to determine if the information is the most current available.

Specification writers: Contact Norplex-Micarta for specification values before submission.