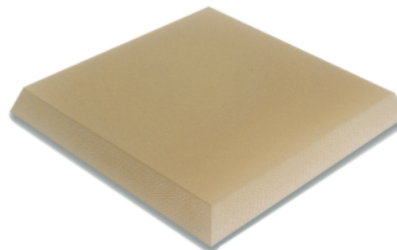


CJ855NB

Description 产品描述

CJ855NB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 G-11或IEC EPGC203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。其在机械应用中的连续操作温度为155℃。

CJ855NB is constructed of a woven glass fabric combined with a high temperature, easy machining epoxy resin. It is engineered to provide NEMA G-11 or EPGC IEC203 properties, which has excellent mechanical strength and electrical properties at elevated temperatures. The continuous operating temperature is 155°C in mechanical applications.



产品特点

- 耐温等级F级；
- 较好的耐湿性；
- 阻燃等级为UL 94 HB；
- 在高温环境下能保持较好的机械强度和电气性能；

Features

- Heating resistance class is F；
- Good moisture resistance；
- Flame-retardant grade is UL 94 HB；
- Good mechanical and electrical strength under high temperature；

制造能力

厚度范围

- 0.127mm – 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

- 0.127mm – 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 G-11
- IEC 60893 EPGC203

Industry Standard

- NEMA LI-1 G-11
- IEC 60893 EPGC203

产品应用

- 结构，高湿环境和电气绝缘应用；
- 槽绝缘垫块材料；
- 槽楔。

Application

- Structural, high humidity, and electrical insulation applications；
- Blocking materials for slot insulation；
- Wedges for slot fillers.

| 产品特性 TYPICAL PROPERTIES | | 测试方法 TEST METHOD | 处理条件 CONDITIONING | 单位 UNITS | 平均值 TYPICAL VALUE | | |
|---------------------------------|--------|---------------------|----------------------|-------------|-----------------------|--------|--------|
| | | | | | 测试厚度 THICKNESS TESTED | | |
| | | | | | 0.0625" | 0.125" | 0.500" |
| 物理性能 PHYSICAL PROPERTIES | | | | | | | |
| 吸水性 Water Absorption | | ASTM D570 | D1–24/23 | % | 0.16 | 0.11 | 0.03 |
| 机械性能 MECHANICAL PROPERTIES | | | | | | | |
| 弯曲强度 Flexural Strength | 纵向(LW) | ASTM D790 | A | psi | 87,870 | 84,830 | 75,600 |
| | 横向(CW) | | A | psi | 80,350 | 76,470 | 69,700 |
| | 纵向(LW) | | E–1/150 T150 | psi | 79,015 | 56,540 | – |
| 悬臂梁冲击强度 Izod Impact Strength | 纵向(LW) | ASTM D256 | E–48/50 | ft–lb/in | – | 16.5 | 16.0 |
| | 横向(CW) | | E–48/50 | ft–lb/in | – | 15.3 | 15.0 |
| 粘合强度 Bonding Strength | | ASTM D229 | A | lb | – | – | 2,048 |
| | | | D–48/50 | lb | – | – | 2,040 |
| 热性能 THERMAL PROPERTIES | | | | | | | |
| DMA法玻璃化转变温度 Tg by DMA | | NA | NA | ℃ | 155 | | |
| 燃烧性 Flammability | | UL Bulletin 94 | A | 等级 | HB | | |

| 产品特性 TYPICAL PROPERTIES | 测试方法 TEST METHOD | 处理条件 CONDITIONING | 单位 UNITS | 平均值 TYPICAL VALUE | | |
|-------------------------------------|---------------------|----------------------|-------------|-----------------------|--------|--------|
| | | | | 测试厚度 THICKNESS TESTED | | |
| | | | | 0.0625" | 0.125" | 0.500" |
| 电气性能 ELECTRICAL PROPERTIES | | | | | | |
| 介电常数 Permittivity (1MHz) | ASTM D150 | A | — | 5.03 | 5.02 | 5.05 |
| | | D-24/23 | — | 5.12 | 5.07 | 5.08 |
| | | D-48/50 | — | — | 5.11 | — |
| 介质损耗因素 Dissipation Factor (1MHz) | ASTM D150 | A | — | 0.017 | 0.020 | 0.016 |
| | | D-24/23 | — | 0.019 | 0.017 | 0.018 |
| | | D-48/50 | — | — | 0.021 | — |
| 击穿电压 Breakdown Voltage | ASTM D149 | A | kVolts | 75 | 81 | 60 |
| | | D-48/50 | kVolts | 80 | 79 | 53 |

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

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