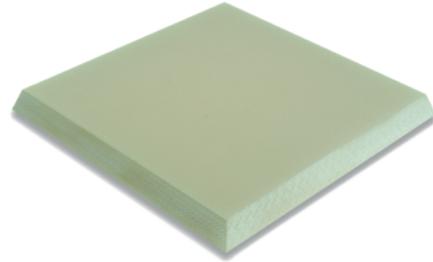


CJ835

Description 产品描述

CJ835由玻璃纤维布与环氧树脂复合而成。该材料含溴，符合NEMA FR-4或IEC EPGC202的性能要求。其在机械应用中的连续操作温度为130°C。

CJ835 is a woven glass fabric composite combined with epoxy resin system. It is engineered to provide NEMA FR-4 or IEC EPGC202 properties. This material contains bromine on the epoxy resin backbone. The continuous operating temperature is 130°C.



产品特点

- ▶ 耐热等级B级；
- ▶ 阻燃等级为UL 94 V-0；
- ▶ 较高的机械和电气性能；
- ▶ 加工性能良好。

Features

- ▶ Heating resistance class is B;
- ▶ Flame retardant grade is UL 94 V-0;
- ▶ High mechanical and electrical properties;
- ▶ Good fabrication characteristics;

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 FR-4
- ▶ IEC 60893 EPGC202

Industry Standard

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

产品应用

- ▶ 适合用作结构，高湿度和电气绝缘应用；
- ▶ 接线端子板，研磨载板，微电子打磨；
- ▶ 垫片，开关设备。

Application

- ▶ Structural, high humidity and electrical insulation application;
- ▶ Terminal boards, lapping carriers, microelectronics polishing;
- ▶ Gaskets, switchgears.

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	575
	横向(CW)		MPa	515
简支梁冲击强度 Charpy Impact Strength	纵向(LW)	ISO 179	kJ/m ²	76
	横向(CW)		kJ/m ²	65
悬臂梁冲击强度 Izod Impact Strength	纵向(LW)	ISO 180	kJ/m ²	72
	横向(CW)		kJ/m ²	63
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	1.5×10^9
介电强度 Dielectric Strength	垂直层向 Perpendicular	IEC 60243	kV/mm	25
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-迈咤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-迈咤达获取规范值。

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.