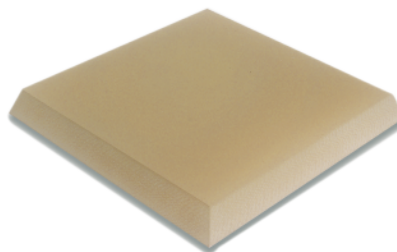


CJ845

Description 产品描述

CJ845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。此产品性能到NEMA FR-5或EPGC IEC204的性能要求，在极度高温的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℃。

CJ845 is constructed of a woven glass fabric combined with a high temperature, easy machining epoxy resin. It is engineered to provide NEMA FR-5 or EPGC IEC204 properties, which has excellent mechanical strength and electrical properties at elevated temperatures. The continuous operating temperature is 155℃ in mechanical applications.



产品特点

- 阻燃等级为UL 94 V-0;
- 耐热等级F;
- 极好的机械性能和介电强度;

Features

- Flame-retardant grade is UL 94 V-0;
- Heating resistance class is F;
- High mechanical strength and dielectric properties;

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

- IEC 60893 EPGC204
- NEMA LI-1 FR-5

Industry Standard

- IEC 60893 EPGC204
- NEMA LI-1 FR-5

产品应用

- 高压电机;
- 高压设备的绝缘结构件;
- 高压开关柜, 变压器, 变频器, 整流器;
- 安全隔板, 衬板, 灭弧室, 隔弧板;
- 开关设备和变压器的支撑件和汇流条支架;
- 电气设备的电枢部件, 如槽楔和垫片。

Application

- High-voltage motor;
- Electrical equipment as insulating structures;
- High-tension switch cubicle, transformer, frequency changer, converter;
- Bursting disk, lining plate, arc extinguishing chamber, flash barrier;
- Strut member and bus bar supports in switchgear & transformer;
- Armature parts of electrical machine, such as slot wedge and gaskets.

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	7.4
机械性能 MECHANICAL PROPERTIES				
弯曲强度 Flexural Strength	纵向(LW)	IEC 60893	MPa	550
	横向(CW)		MPa	525
	纵向(LW)	IEC 60893 E-1/150 T150	MPa	510
	横向(CW)		MPa	487
简支梁冲击强度 Charpy Impact Strength	纵向(LW)	ISO 179	kJ/m²	98
	横向(CW)		kJ/m²	98
悬臂梁冲击强度 Izod Impact Strength	纵向(LW)	ISO 180	kJ/m²	102
	横向(CW)		kJ/m²	95
热性能 THERMAL PROPERTIES				
燃烧性 Flammability		IEC 60893	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	1.6×10^9
介电强度 Dielectric Strength	垂直层向 Perpendicular	IEC 60243	kV/mm	19
击穿电压 Breakdown Voltage	平行层向 Parallel	IEC 60243	kV	40

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.