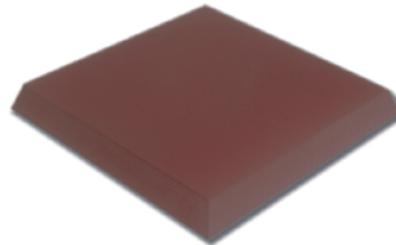


CJ895NB

Description 产品描述

CJ895NB由电子级无碱玻璃布浸以耐高温树脂，经烘焙热压而成。此产品在极高温环境下具有极好的机械强度和电气性能，被广泛应用于耐高温电机电气的绝缘结构件以及航空航天等尖端科技领域。

CJ895NB is constructed of an electronic grade woven glass fabric combined with high temperature epoxy resin. It has excellent mechanical strength and electrical properties at elevated temperatures, and been widely used for motors, electrical application and some cutting-edge technology fields, such as rocket and aerospace.



产品特点

- 耐温等级H级；
- 良好的尺寸稳定性；
- 易加工；
- 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 H;
- Good dimensional stability;
- Easy Machine;
- Excellent 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
- 1447mm x 1447mm

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
- 1447mm x 1447mm

Cut panels and machined parts are also available.

产品应用

- 风能发电机；
- 牵引电机；
- 耐热电子元件；
- 航天器隔热层。

Application

- Wind generator;
- Traction motor;
- Heat-insulation electronic elements.
- Heat-insulation layer for spacecraft.

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
物理性能 PHYSICAL PROPERTIES				
密度 Density	GB/T 1303.2-2009	A	g/cm ³	1.83
吸水性 Water Absorption	GB/T 1303.2-2009	D1-24/23	mg	16.6
机械性能 MECHANICAL PROPERTIES				
弯曲强度 Flexural Strength	垂直层向 (纵向/横向) Perpendicular (LW/CW)	GB/T 1303.2-2009	A	Mpa 660 / 566
	垂直层向 (纵向/横向) Perpendicular (LW/CW)	GB/T 1303.2-2009	180°C ± 2°C	Mpa 388 / 292
压缩强度 Compressive Strength (≥10mm)	垂直层向 Perpendicular	GB/T 1303.2-2009	A	Mpa 570
	平行层向 Parallel	GB/T 1303.2-2009	A	Mpa 433
粘合强度 Bonding Strength (≥10mm)		JB/T 8149.1-2000	A	N 7330
简支梁缺口 冲击强度 Notched Charpy Impact Strength (≥5mm)	平行层向 (纵向) Parallel (LW)	GB/T 1303.2-2009	A	kJ/m ² 74
	平行层向 (横向) Parallel (CW)		A	kJ/m ² 72

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	
电气性能 ELECTRICAL PROPERTIES					
介电常数 Permittivity 1MHz(\leq 3mm)	GB/T 1303.2-2009	A	-	4.8	
介质损耗因素 Dissipation Factor 1MHz(\leq 3mm)	GB/T 1303.2-2009	A	-	0.02	
表面电阻率 Surface Resistivity	GB/T 1410-2006	A	Ω	2.7×10^{17}	
		D-24h/(23 ± 2)°C		3.6×10^{16}	
体积电阻率 Volume Resistivity	GB/T 1410-2006	A	$\Omega \cdot m$	8.5×10^{14}	
		D-24h/(23 ± 2)°C		1.04×10^{18}	
绝缘电阻 Insulation Resistance	平行层向 Parallel	A	Ω	3.5×10^{14}	
		D-24h/(23 ± 2)°C		4.0×10^{12}	
击穿电压 Breakdown Voltage (>3 mm)	平行层向 Parallel	GB/T 1303.2-2009	Oil	KV	>42
电气强度 Dielectric Strength (\leq 3mm)	垂直层向 Perpendicular	GB/T 1303.2-2009	Oil	MV/m	20

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-迈咔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-迈咔达获取规范值。

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.