

CJ835CR

Description 产品描述

CJ835CR由玻璃纤维布与环氧树脂制造而成，在低温环境下能展现出卓越的电气强度和物理性能，且在高湿度条件下依然能维持其电气性能。

CJ835CR is constructed of glass fabric with epoxy resin system, and combines excellent electrical characteristics with superior physical properties at cryogenic temperature. The electrical properties maintained in high humidity conditions.



产品特点

- 低温环境下具有卓越的电气强度和物理性能；
- 高湿条件下稳定的电气性能；
- 极低的热传导性；
- 长期的耐腐蚀性；
- 最少的更换需求和维修费用。

Features

- Superior electrical and physical properties at cryogenic temperature;
- Stable electrical properties maintained in high humidity condition;
- Very low thermal conductivity;
- Excellent long-term corrosion resistance;
- Minimal replacement and maintenance costs.

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.

产品应用

- 低温绝缘和支持；
- 低温运输存储；
- LNG管道支持；
- LNG管道垫片。

Application

- Cryogenic insulation and support;
- Cryogenic transportation and storage facilities;
- LNG pipeline supports;
- LNG pipeline 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	7.3
机械性能 MECHANICAL PROPERTIES			
弯曲强度 Flexural Strength	纵向(LW)	ISO 178	MPa
	横向(CW)		MPa
简支梁冲击强度 Charpy Impact Strength	纵向(LW)	ISO 179	kJ/m ²
	横向(CW)		kJ/m ²
悬臂梁冲击强度 Izod Impact Strength	纵向(LW)	ISO 180	kJ/m ²
	横向(CW)		kJ/m ²

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 ⁸
介电强度 Dielectric Strength	垂直层向 Perpendicular	kV/mm	22
击穿电压 Breakdown Voltage	平行层向 Parallel	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数据方法上，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.