

巨玻固能(苏州)薄膜材料有限公司 Jubo Guneng(SuZhou)Thin Film Materials Co., Ltd.

Material材料名称:	Nb2O5 五氧化二铌
Article No.产品编码:	BoSE-44-04
Delivery Form产品规格:	1.0-3.0mm white
Material Properties:	Chemical Formula分子式: Nb2O5
材料特征:	Purity纯度: 99.99%
	Typical Impurities杂质类型 [ppm]: Ta,Si<30, Fe<20 Ni, Cr,Mn,Ti,Al,Cu,W,Ca<10
	Density-theoretical 理论密度: 4.2-4.3 g/cm3
	Melting Point熔点: 1512 °C
Test Parameters:	Coating Equipment镀膜设备: ZSS700
测试参数:	Evaporation Source蒸发源: Electron Beam Gun电子枪
	Substrate Temp.基底温度: 250 °C
	Process Gas充气压力: 2-6 x 10 ⁻⁴ mbar Oxygen
	Evaporation Rate蒸发速率: 0.2-0.7 nm/s
Thin Film Properties:	Chemical Composition化学成分: Nb2O5
薄膜参数:	Refractive Index折射率: 2.0-2.3(@550nm)
Remark	Transparency Range透明区域: 420nm~8 μm
备注:	Melting Behaviors蒸发习性: Film densification, good at chemical stability. 成膜致密, 化学稳定性好。

Material Certification声明:

We certify, the material is in compliance with the specifications stated above.

我们证明, 该材料符合上述规范。

Date 日期:	2021-1-19
Certificate No.证书编号:	JBSE-Specification 079.44.04 V02