

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:	Ta2O5 五氧化二钽
Article No.产品编码:	BoSE-22-15
Delivery Form产品规格:	1.0-3.0mm Black
Material Properties:	Chemical Formula分子式: Ta2O5
材料特征:	Purity纯度: >4N
	Typical Impurities杂质类型 [ppm]: Nb <20 Si,Fe, Ni,Cr,Mn,Ti,Cu, Ca<5
	Density-theoretical 理论密度: 8.2 g/cm ³
	Melting Point熔点: 1880 °C
Test Parameters:	Coating Equipment镀膜设备: ZZS-700
测试参数:	Evaporation Source蒸发源: Electron Beam Gun 电子枪
	Substrate Temp.基底温度: 250-300 °C
	Process Gas充气压力: 3~6 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: Ta2O5
薄膜参数:	Refractive Index折射率: 2.1 (l= 550 nm)
Remark	Transparency Range透明区域: 300nm~10 um
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 079.22.15