

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

<b>Material材料名称:</b>	LaF3 氟化钷
<b>Article No.产品编码:</b>	BoSE-31-02
<b>Delivery Form产品规格:</b>	2.0-4.0mm 多晶料
<b>Material Properties:</b>	Chemical Formula分子式: LaF3
<b>材料特征:</b>	Purity纯度: 3N5
	Typical Impurities杂质类型 [ppm]: Ca<20,Cr<20,Cu<20,Mg<20,Ni<20,Pb<20,V<10
	Density-theoretical 理论密度: 6 g/cm3
	Melting Point熔点: 1490 °C
<b>Test Parameters:</b>	Coating Equipment镀膜设备: ZSS 700
<b>测试参数:</b>	Evaporation Source蒸发源: Electron Beam Gun/Mo Boat 电子枪/钼舟
	Substrate Temp.基底温度: 100-300 °C
	Process Gas充气压力:
	Evaporation Rate蒸发速率: 1-1.5 nm/s
<b>Thin Film Properties:</b>	Chemical Composition化学成分: LaF3
<b>薄膜参数:</b>	Refractive Index折射率: 1.58-1.65
<b>Remark</b>	Transparency Range透明区域: 150nm~12µm
<b>备注:</b>	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 079.31.02