

## 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>	SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> 氧化硅铝 (SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> )	
<b>Article No.产品编码:</b>	BoSE-01-08	
<b>Delivery Form产品规格:</b>	1.0-3.0mm	0
<b>Material Properties:</b>	Chemical Formula分子式:	SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub>
<b>材料特征:</b>	Purity纯度:	95:5
	Typical Impurities杂质类型 [ppm]:	Mn,Ca,Cu, Fe<200
	Density-theoretical 理论密度:	2.26 g/cm <sup>3</sup>
	Melting Point熔点:	1730 °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电子枪
	Substrate Temp.基底温度:	250 °C
	Process Gas充气压力:	0.5~1x 10 <sup>-2</sup> Pa Oxygen
	Evaporation Rate蒸发速率:	0.3-0.5 nm/s
<b>Thin Film Properties:</b>	Chemical Composition化学成分:	
<b>薄膜参数:</b>	Refractive Index折射率:	1.48 (520nm <λ< 580 nm)
<b>Remark</b>	Transparency Range透明区域:	200nm~9μm
<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 079.01.08