

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: HPTi3O5 高品质五氧化三钛

Article No.产品编码: BoSE-41-14

Delivery Form产品规格: 0.1-1.0mm

Material Properties: Chemical Formula分子式: HPTi3O5

材料特征: Purity纯度: 3N5

Typical Impurities杂质类型 [ppm]: Nb <200, Zr<100, Mo<100
Mg<100,Ca<100,Fe<100,Zn<50

Density-theoretical 理论密度: 4.6 g/cm³

Melting Point熔点: 1760 °C

Test Parameters: Coating Equipment镀膜设备: ZSS 700

测试参数: Evaporation Source蒸发源: Electron Beam Gun电子枪

Substrate Temp.基底温度: Ambient temperature室温 °C

Process Gas充气压力: 2~3 x 10⁻⁴ mbar Oxygen

Evaporation Rate蒸发速率: 0.2-0.5 nm/s

Thin Film Properties: Chemical Composition化学成分: TiO₂

薄膜参数: Refractive Index折射率: 2.3 @550nm

Remark Transparency Range透明区域: 400 nm ~ 7µm

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 079.41.14