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线上商场

微信公众



SAPPHIRE PRODUCTS

蓝宝石光窗产品



证券代码 (Stock Code):600330



·~引进国外切片机,棒料切割成片料,可加工低厚度产品,精度高。厚度公差: ±15µm。

·~引进国外精磨设备,精度高,稳定性高。厚度公差: ±10μ m。

-~Introducing the import cutting equipment to process low thickness and high precision wafers. Thickness tolerance: $\pm 15 \mu m$;

-~Introducing the import fine grinding equipment with high precision and high stability.Thickness tolerance: $\pm 10~\mu$ m.

·~采用国外先进的生产管理方法,定期对管理人员及员工进行相关职业技术培训。

·~通过了ISO 9000质量管理体系,遵循6S管理原则,用严格的品质管控方法保证产品的合格率。

 \sim With advanced production management methods, TDG provides administrators and employees with regular vocational technical training.

 \sim Passed ISO 9000 quality management system certification, TDG guarantee the products yield with strict quality control method.



TDG - SAPPHIRE



性能 Properties	蓝宝石 Sapphire	玻璃 Glass
化学组成 / Chemical Formula	AL_2O_3	SiO ₂
晶体结构/Crystal Structure	六方晶体 Hexagonal System a=4.76Å c=12.99Å	非晶体
熔点 / Melting Temperature	2053℃	无固定熔点
密度 / Density	3.98g/cm³	≈2 .4g/cm³
硬度 / Hardness	9(mohs)	6~6.5(mohs)
单晶纯度 / Purity	>99.996%	混合物
热膨胀系数 / Linear Thermal Expansion Coefficient	6.7x10 ⁻⁶ /°C parallel to C axis 5.0x10 ⁻⁶ /°C perpendicular to C axis	9~10 x I0⁻⁵/开
折射率/Refractive Index	1.762~1.770	1.52
透光率(可见光和红外波段) Near and Mid wave IR transmission	≥85%	≥90%(可见光)
热容率/Thermal Capacity	0.10(cal/°C)	0.19(cal/°C)
热导率/ Thermal Conductivity	46.06@0°C 25.12@100°C 12.56@400°C (W/(m.k))	0.81~0.93(W/(m.k))
介电常数 / Dielectric Permeability	9.4@300Kat A axis~11.58@300K at C axis	3.5~3.7 (1MHz下)

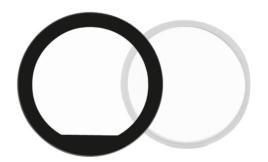








蓝宝石手表盖板 Sapphire Watch Cover





高灵敏度

耐划伤、耐磨损

良好的光学透射率 化学稳定性好,不易发生腐蚀和潮解

Advantages

High Sensitivity

Optimized Scratch Resistance, High Anti-Abrasion **Excellent Light Transmission**

Good Chemical Stability, High Anti-Corrosion Characteristics



产品规格 Product Specification		
长度 (Length)	客户规格 ±0.05mm	
宽度 (Width)	客户规格 ±0.05mm	
厚度 (Thinkness)	客户规格 ±0.05mm	
平坦度(Flatness)	≤10µm	
强度 (Strength)	> 550Mpa	
特殊处理 (Special Processing)	按客户要求	





蓝宝石手机盖板 Sapphire Phone Cover 蓝宝石摄像头盖板 Sapphire Lens Cover 蓝宝石指纹识别盖板 Sapphire Touch ID Cover

产品优势

高灵敏度

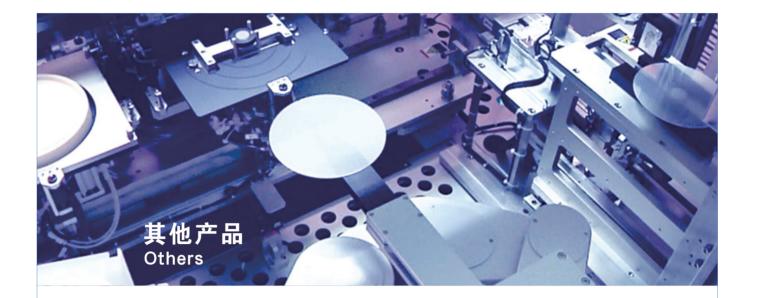
耐划伤、耐磨损 良好的光学透射率 化学稳定性好,不易发生腐蚀和潮解

Advantages

High Sensitivity
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产品规格 Product Specification		
长度 (Length)	客户规格 ±0.05mm	
宽度 (Width)	客户规格 ±0.05mm	
厚度(Thinkness)	客户规格 ±0.05mm	
平坦度(Flatness)	≤5µm	
强度(Strength)	> 550Mpa	
特殊处理 (Special Processing)	按客户要求	





蓝宝石导光块 Sapphire Light Block 蓝宝石扫描仪视窗盖板 Sapphire Scanner Window Cover 蓝宝石光学产品 Optical Products



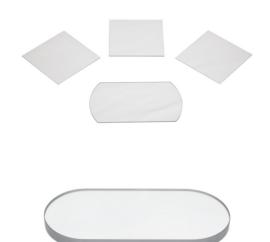
高硬度,耐磨损 耐高温,耐高压 化学稳定性好,不易发生腐蚀和潮解



High Rigidity, High Anti-Abrasion

High Heat Resistance, high Pressure Resistant

Good Chemical Stability, High Anti-Corrosion Characteristics



产品规格 Product Specification		
长度(Length)	客户规格 ±0.05mm	
宽度 (Width)	客户规格 ±0.05mm	
厚度(Thinkness)	客户规格 ±0.05mm	
平坦度(Flatness)	按客户要求	
强度 (Strength)	> 550Mpa	
特殊处理 (Special Processing)	按客户要求	