

Product Specification

Properties of Substance

1 Substance:	Zirconium Monoxide
2 Formula:	ZrO
3 Molecular Weight:	123.22
4 Melting Point:	2700°C
5 Boling Point:	4800°C
6 Hardness (Mohs):	6.5
7 Density:	4.26g/cm ³
8 Linear EXP Coefficient:	5.72x10 ⁻⁵ /K
9 Solubility:	Soluble in Sulphuric acid, Hydrofluoric
10 Heat Capacity(20°C):	0.453J/g°C
11 Crystal Structure:	'---



Properties of Substance in Film

1 Transmission Range:	0.25μm-7μm
2 Refractive Rate:	1.85 2.05
acc. Wave Length:	0.55μm 0.55μm
acc. Substrate Temp.:	30°C 250°C
3 Evaporation Source:	Electron-beam;
4 Evaporation Temp.:	2500°C-2700°C
5 Evaporation Pressure:	5×10 ⁻³ Pa-2×10 ⁻² Pa
6 Conensation Rate:	10 nm/min
7 Substrate Temp. range:	200°C-300°C

Product Specification

1 Product Apperance:	anomalous granule	Press tablets
2 Product Colour:	Drak gray or White	Drak gray or White
3 Normal Prod. Size Range:	1mm-5mm	23mm x 23mm x 18mm
4 Product Application:	AR Coating Multi-layer Coating Decoration coating	
5 Impurity content Standard:	Fe<50 Co<15 Cu<15 Ni<15 Mn<10 Cr<15	
6 Notice:	1.The product is valid for 2 years , and valid for 3 month when package is opened 2.Don't touch the product with bare hand that may casuin; 3.The storage of prodcut need to avoid the intense light, high temperature and high humidity	
7 Certification:	ISO 9001 ISO 14001	



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