

**Product Specification****Properties of Substance**

1 Substance :	Titanium(V) Oxide
2 Formula :	Ti <sub>3</sub> O <sub>5</sub>
3 Molecular Weight :	223.4
4 Melting Point :	1775°C
5 Boling Point:	---
6 Hardness(Mohs) :	---
7 Density :	4.57g/cm <sup>3</sup>
8 Linear EXP Coefficient:	---
9 Solubility :	Insoluble in Water,
10 Heat Capacity(20°C) :	---
11 Crystal Structure :	Orthorhombic system

**Product Photo****Properties of Substance in Film**

1 Transmission Range :	0.4μm-12μm
2 Refractive Rate :	2.35
acc. Wave Length :	0.5μm
acc.Substrate Temp. :	300°C
3 Evaporation Source :	Electron-beam; W boat Ta boat
4 Evaporation Temp. :	1750°C-2000°C
5 Evaporation Pressure :	0.1×10 <sup>-3</sup> Pa-0.5×10 <sup>-3</sup> Pa
6 Conensation Rate :	---
7 Substrate Temp.range :	150°C-300°C

**Product Specification**

1 Product Apperance :	anomalous granule	Press tablets
2 Product Colour :	Dark purple black	Purple black
3 Normal Prod.Size Range :	0.3mm - 4mm	10mm x 10mm x 8mm
4 Product Application :	AR Coating Multi-layer Coating	
5 Impurity content Standard:	Fe<30 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 casuing the pc 3.The storage of prodcut need to avoid the intense light , high temperature and high humidity	
7 Certification :	ISO 9001 ISO 14001	



Adress : No.14;Tianhe North Rd;Huangcun;Daxing,Beijing  
Tel : 010-67159833  
E-mail : bjfxkxy@163.com  
Website : www.fuxingkai.com

Relation Company  
Dongguan Kaiyong Photo-electonic Tech Co.,Ltd  
Adress:Beimen Industrial park of  
Qiaoli,Changping