

上海奥普特科晶体材料有限公司 Shanghai Opticrystal Materials Co., Ltd

AZO glass:

1. AZO glass

Widely used in new technological fields such as solar cells, biological experiments, electrochemical experiments, and major university laboratories.



Parameter features:

- 1. Specification: 100*100MM, 355.6*406.4MM; Customizable non-standard specifications
- 2. Thickness: 1.8MM, 3.2MM;
- 3. Square resistance: less than 10 euros;
- 4. Light transmittance: 80%;
- 5. Wiring connection: conductive tape connection, special pin connection, silver printing wiring
- 6. Application: solar cells, biological experiments, electrochemical tests, major university laboratories and other new scientific and technological fields;
- 7. Packaging: clean clip paper, shock-proof and moisture-proof packaging;

2. FTO glass

Widely used in new technological fields such as solar cells, biological experiments, electrochemical experiments (for electrodes), and laboratories in major universities.

Parameter features:

- 1. Specifications: 100 * 100MM, 150 * 100MM, 150 * 200MM; non-standard specifications can be set
- 2. Thickness: 1.1MM, 2.2MM;
- 3. Square resistance: less than 10 euros;
- 4. Light transmittance: 79%; fog degree: 5%;
- 5. Wiring connection: conductive tape connection, special pin connection, silver wiring;
- 6. Application: solar cells, biological experiments, electrochemical experiments (electrode), university laboratories and other new scientific and technological fields;
- 7. Packaging: clean clip paper, shock-proof and moisture-proof packaging;



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Product introduction------Special glass

III. ITO Conductive glass

Widely used in new technological fields such as mobile screens, PDAs, calculators, electronic watches, electromagnetic shielding, photocatalysis, solar cells, biological experiments, and laboratories in major universities.



Table of Resistance Parameters for ITO Conductive Glass:

Specifications	Resistance (Ω)	Transmittance (%)e (%)	Etch Time /s	Film thickness
100Ω	80-100Ω	≧88.0	≦40	230ű50Å
80Ω	60-80Ω	≧87.0	≦45	300ű50Å
60Ω	40-60Ω	≧85.0	≦60	350ű50Å
50Ω	40-50Ω	≧85.0	≦65	400ű50Å
40Ω	30-40Ω	≧85.0	≦70	500ű100Å
30Ω	20-30Ω	≧85.0	≦100	650ű100Å
20Ω	15-20Ω	≧85.0	≦140	950ű100Å
15Ω	10-15Ω	≧85.0	≦180	1350ű150Å
10Ω	6-9Ω	≧83.0	≦240	1850ű150Å

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