

Indium Tin Oxide (ITO)

Product Introduction

ITO is used as Transparent Conductive Oxide in many industries as FPD, Touch Panel, Solar Cells, LED, Micro LED as well as in special Low-E Applications.

Benefits

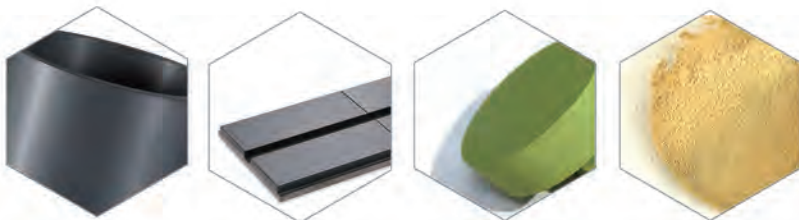
- High physical density and high chemical purity
- Available as Rotary and Planar Target
- Wide range of shape due to CNC machining
- Qualified at all major OEM's
- Experienced Application Technology Team
- Fully vertical integration, from raw material to final product
- Recycling program for end of life targets as well production waste

Product	ITO Rotary Target	ITO Planar Target	ITO Tablet	ITO Powder
Composition: $\text{In}_2\text{O}_3:\text{SnO}_2$	90:10 92.5:7.5 93:7 95:5 97:3	90:10 92.5:7.5 93:7 95:5 97:3 98:2	90:10 95:5 83:17	90:10 92.5:7.5 93:7 95:5 97:3
Purity	99.99%	99.99%	99.99%	99.99%
Density	$\geq 7.12\text{g/cm}^3$	$\geq 7.07\text{g/cm}^3$	55-70%	/
Size	Total Length $\leq 4000\text{mm}$	Max tile size $\leq 530 \times 375\text{mm}$	Typical size $\Phi 25 \times 10\text{mm}^*$	/

**Dimensions are available on request*

Recycling

Vital Thin Film Materials had the capability to recycle most of Indium containing waste, as spent ITO Targets, chamber and shield scrap as well as Indium containing liquids. Contact us to learn more about our unique recycling capabilities.



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