

# Transparent Conductors in Thin Film and Organic Photovoltaics-2012

<https://marketpublishers.com/r/T7879158E10EN.html>

Date: February 2012

Pages: 98

Price: US\$ 995.00 (Single User License)

ID: T7879158E10EN

## Abstracts

### Summary

Transparent Conductors in Thin Film and Organic Photovoltaics – 2012” is the latest report from NanoMarkets in our ongoing coverage of materials and markets in the photovoltaics sector. In this report, NanoMarkets examines the changing opportunities for different kinds of transparent conductors in the TFPV and organic PV industry.

This report considers how transparent conductors will find markets and help create value for suppliers of leading edge PV technologies under the changed circumstances that PV faces today in which government subsidies are under threat and there are huge pressures to reduce TFPV costs to make it competitive with c-Si PV and with other sources of energy in general. Taking into account the new dynamics of the TFPV and OPV industry, this report identifies where transparent conductor firms can generate business revenues, both from the older segments of the TFPV/OPV industry and from emerging segments, such as BIPV glass.

This report is designed to help transparent conductor suppliers to understand how the overall changes in the PV industry will influence their sales. It covers the use of transparent conductors in thin-film Si, CIGS, CdTe, OPV, and DSC and includes a discussion of how both established transparent conductor technology and the latest transparent conducting nanomaterials can make money in the PV market.

As with all NanoMarkets reports, this report includes an eight-year forecast of the markets broken out by type of PV technology and type of transparent conductor material. In addition, the report discusses the strategies of key firms to watch in this important sector. The forecasts are provided in both value and volume terms.

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