

## Carbon Market Analysis for LED & PV (2009 - 2015F)

**Description:** With the development in various industries, carbon has been applied to various materials due to its excellent electric and thermal properties and chemical stability. In addition, it also is used as a key material to improve products performance. Its applications include coke (metallurgical industry), artificial graphite (electrodes), ultra-pure graphite (nuclear industry), carbon black (tires, ink), pyrolytic graphite (Air, X-ray diffraction, electrical conductivity, heat-resistant parts), carbon fibers (aviation, aerospace, sporting goods), activated charcoal (purification process), synthetic diamond (electronic, cutting and abrasive industry).

This report covers the technology development trend of carbon materials for solar cell and LED applications, industry trends, and market forecasts.

- Carbon block, carbon component manufacturing processes
- Carbon materials used for manufacturing poly-silicon and ingots for solar cells
- Carbon parts for manufacturing LEDs LED
- Production/shipment, prices, production costs, supply/demand forecasts by manufacturer (2009~2015F)
- Feasibility study for establishment of carbon production lines

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