

Graphite Electrode Trends: Market Research Report

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Abstracts

The report analyzes and presents an overview of Graphite Electrodes market worldwide. 'Graphite Electrodes offers excellent current carrying capacity and thermal resistance and are primarily used in electric arc furnaces for scrap steel and iron melting purposes. Graphite electrodes are manufactured by using petroleum coke, which is first mixed with coal tar pitch, followed by extrusion and shaping of the mixture.'

Supported with 2 market data tables, the report provides a review of market trends, growth drivers, and strategic industry activities of major companies worldwide. The report further discusses about various types of Graphite Electrodes including Highly Ordered Pyrolytic Graphite (HOPG) Electrodes, and Powder Graphite Electrodes. In addition, major companies operating in the Graphite Electrodes arena worldwide including Ameri-Source Specialty Products, Beijing Great Wall Co. Ltd., CIMM Group, Energoprom Management JSC, Fangda Carbon New Material Co. Ltd., Graftech International Ltd., Henschke GmbH, Misano SpA, SGL Carbon SE, and Showa Denko KK, and others are profiled.

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Graphite Electrodes – An Introduction
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Highly Ordered Pyrolytic Graphite (HOPG) Electrodes
Powder Graphite Electrodes
Graphite Electrodes – Grades

Table 1. Global Graphite Electrodes Market by Grade (2012-2017) in US\$ Million for Ultra-High Power, and Regular Power and High Power

Graphite Electrodes - Production Process
Forming
Baking
Impregnation
Rebaking
Graphitizing
Machining
Graphite Electrodes - Applications
Graphite Electrodes - Standard Properties (Values taken at room temperature)
Graphite Electrodes - Utilization in Steel Industry
Electric Arc Furnace

2. MARKET TRENDS

Graphite Market to Exhibit Growth in Demand Post Recession

Table 2. Global Graphite Electrodes Demand by Region (2012-2017) in '000 MT for Asia, Europe/CIS, America, and North/Middle East Africa

Scenario in Steel Industry
China to Expand Graphite Manufacturing Capacity

3. RECENT INDUSTRY ACTIVITY

Energoprom Group Introduces Graphite Electrode Machining Equipment
SDK Acquires Significant Majority Interest in Sichuan Carbon
SGL Carbon to Invest in Ozark-Arkansas Graphite Electrodes Production Facility
ArcelorMittal and SGL Group Ink Supply Agreement
GrafTech International Takes Over FMI
MEGA Graphite Inks Letter of Intent with Chotanagpur Graphite Industries
Showa Denko Carbon to Expand Dorchester County Operations
GrafTech International Merges with C/G

4. MARKET PARTICIPANTS

Ameri-Source Specialty Products (USA)
Beijing Great Wall Co. , Ltd. (China)
Chengdu Carbon Co. , Ltd. (China)
Chengdu Rongguang Carbon Co. , Ltd. (China)
China Carbon Graphite Group, Inc. (China)
China Yuanda Carbon Group Co. , Ltd. (China)
CIMM Group (China)
Coidan Graphite Products Ltd. (UK)
Dalian Thrive Mining Co. , Ltd. (China)
Dandong Xinxin Carbon Co. , Ltd. (China)
Electrographite Carbon Co. , Pty. , Ltd. (South Africa)
Energoprom Management JSC (Russia)
EWT/3DCNC, Inc. (USA)
Expo Appliances Pvt. , Ltd. (India)
Fangda Carbon New Material Co. , Ltd. (China)
Globe Specialty Metals, Inc. (USA)
Graftech International Ltd. (USA)
Graphel LLC (USA)
Graphite Cova GmbH (Germany)
Graphite Electrode Sales, Inc. (USA)
Graphite India Ltd. (India)
Graphite Sales, Inc. (USA)
Haihan Industry, Inc. (China)
Hebei Zhanming Carbon Manufactory Co. , Ltd. (China)
HEG Ltd. (India)
Henan Sanli Carbon Products Co. , Ltd. (China)
Henschke GmbH (Germany)

Hindustan Produce Company (India)
HTU Industrial, Inc. (China)
Jap Trading Sro (Czech Republic)
Kaifeng Carbon Co. , Ltd. (China)
Lithomelt Co. , Ltd. (China)
LST Group (China)
M. Brashem, Inc. (USA)
Maruya Industry Co. , Ltd. (Japan)
Meceka Graphite Pvt. , Ltd. (India)
Merolex-GS Sp z. o. o. (Poland)
Metallon Holdings Ltd. (Hong Kong)
Misano Middle East LLC (UAE)
Misano SpA (Italy)
MWI, Inc. (USA)
Nantong Yangzi Carbon Co. , Ltd. (China)
Nippon Carbon Co. , Ltd. (Japan)
Noboran Ltd. (Hungary)
Ohio Carbon Blank, Inc. (USA)
PJSC 'Ukrgrafit' (Ukraine)
Qingdao Sino Carbon Co. , Ltd. (China)
Qingdao Tennry Carbon Co. , Ltd. (China)
Rahul Graphites Ltd. (India)
Refractory Engineers, Inc. (USA)
Rupa International (India)
Sadashiv Corporation (India)
Saturn Industries, Inc. (USA)
SGL Carbon SE (Germany)
Shandong Lubei Carbon Co. , Ltd. (China)
Showa Denko Carbon, Inc. (USA)
Showa Denko KK (Japan)
Sinograf SA (Poland)
Sinosteel Corporation (China)
Sinosteel Germany GmbH (Germany)
Sinotech (Dalian) Carbon & Graphite Manufacturing Corporation (China)
Sojitz JECT Corporation (Japan)
Superior Graphite Company (USA)
Tokai Carbon Co. , Ltd. (Japan)
Tokai Carbon Europe Ltd. (UK)
Topfly Material Co. , Ltd. (China)

UKCG Group Ltd. (UK)

Weaver Industries, Inc. (USA)

Xuzhou Hongji Electrode Manufacture Co. , Ltd. (China)

5. APPENDIX

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