



# NIPPON KORNMEYER CARBON GROUP

**+100 YEARS OF EXPERTISE IN MANUFACTURING, ENGINEERING AND GRAPHITE APPLICATIONS**

Nippon Kornmeyer Carbon Group (NKCG) is a company jointly operated by the shareholders of Kornmeyer Carbon-Group (Germany) and Nippon Carbon Co. Ltd. (Japan), a Tokyo stock exchange listed carbon manufacturer.

NKCG specializes in design, manufacturing, coating, purification and technical support of carbon- and ceramic-based materials for our customers in Europe, Middle-East, Africa and Americas.

Key industries served cover the segments: heat treatment, automotive, solar, semiconductor and aerospace.

## Product Portfolio & Services

- Carbon specialties:  
Isomolded, extruded, molded graphite, CFC, 2D carbon composites, soft felt, long and short fiber insulation boards, sandwich insulators, filament winding
- Finished products such as crucibles, heaters, graphite boats, furnace hot zone equipment and many others
- Development and improvements:  
Technical consulting, design engineering incl. thermo-mechanical analysis
- SiC coating, PyC coating and infiltration
- Halogen purification  
incl. elemental analysis certificate
- Plasma coating (Al<sub>2</sub>O<sub>3</sub>), re-coating services, oxide fiber ceramics
- 3D carbon composites
- Development, production and repair of CFC grids, racks (including hybrid solutions)

## Regular Events & Trade Shows

Nippon Kornmeyer Carbon Group GmbH is present during many industrial shows and congresses throughout Europe such as:

- Thermprocess / Gifa (Düsseldorf, Germany)
- Metal Spain Heat Treatment Congress (Global)
- Härtereikongress / HeatTreatmentCongress by AWT (Köln, Germany)
- SVTM by A3TS (France)
- Ankiros Annofer (Istanbul, Turkey with SAN MT)
- Semicon Europe (Germany with PTS France)

## Sales Distribution Network

The Nippon Kornmeyer Carbon Group represents the Nippon Carbon Group sales and distribution network in Europe, Middle-East, Africa and Americas. We either support our customers directly from Germany or through local partners:

### Brazil and South Americas:

LMTerm, Rua José Augusto dos Santos, Sao José dos Campos/SP, Brazil

Israel: Import Building & Trading Co. Ltd., PO Box 10451, 4900401 Petach Tikva, Israel

Spain and Portugal: Interbil, Pol. Ind. Sangróniz, Iberre 1, M5 - 48150 Sondica, Spain

Sweden and Scandinavia: TKnutsson AB, Box 50207, 202 12 Malmö, Sweden

Turkey, Middle East and North Africa: San Malzeme Teknolojileri, Cevizli mah. Zuhul Cad.Ritim, Istanbul, Maltepe, Turkey

USA, Canada and Mexico: Furnacare Inc., 100 Corporate Dr Ste A, Spartanburg, South Carolina, 29303, USA

Semiconductor: PTS, 23 Rue Paul Héroult, 38190 Villard Bonnot, France

EDM: Graphit Kropfmühl GmbH, Langheinrich-straße 1, 94051 Hauzenberg, Germany

## Major Equipment & Key Facts

- More than 10.000 sqm production floor plus external warehouses
- 30 CNC machining centers
- 4 Automations for machining and assembly
- 2 CNC waterjet cutter, 2 CNC grinder
- 3D multisensor inspection equipment
- Purification and coating centers (CVD, CVI)

## Nippon Carbon Co., Ltd.

Our raw material and R&D base: Nippon Carbon, since its establishment in 1915, has developed a variety of products featuring carbon's prominent attributes. The main manufacturing and sales domains are carbon fiber products used for aerospace technology and general industry, High Purity Treatment Graphite used when producing crystalline silicon, Anode Materials for Lithium Ion Battery, Silicon Carbide Continuous Fibers mainly provided for the aerospace industry, impervious graphite and chemicals used for chemical industrial devices and equipment such as heat exchangers, flexible graphite for the automobile industry, and other carbon products. Total group headcount is roughly 720 employees. Nippon Carbon has also a unique joint venture with Nippon Steel Chemicals: Nippon-Techno Carbon Co., Ltd. has direct access to the raw material (Binder pitch & Pitch coke) within Nippon Steel Group.

## Nippon Carbon Co., Ltd. Milestones & Major Developments

- 1915** Nippon Carbon Co., Ltd. was established and production of natural graphite electrodes started.
- 1927** Nippon Carbon Co., Ltd., for the first time in Japan, succeeded in producing artificial graphite electrodes.
- 1949** Started producing RESBON® impervious graphite for chemical constructional material.
- 1962** Nippon Carbon began industrialization of carbon fiber material CARBOLON®.
- 1993** Opened production of graphite anode material for Li-ion rechargeable batteries.
- 1999** Merged with Shin Nippon Carbon Co., Ltd. and renamed the company to Shiga Plant.
- 2003** Established Nippon Techno-Carbon Co., Ltd. which focuses on specialty carbon products.
- 2012** Established NGS Advanced Fibers Co., Ltd. (Joint-Venture between Nippon Carbon, GE & Safran Group)
- 2016** Foundation of Nippon Kornmeyer Carbon Group GmbH in Germany.

## Nippon Carbon Co., Ltd. Office & Plants

- Headquarters:** 14-1, Kyobashi 2-Chome, Chuo-ku, Tokyo 104-0031
- Osaka Branch:** 11-22, Nishitenma 4-chome, Kita-ku, Osaka 530-0047 (Hanshin Shinmei Bldg.)
- Nagoya Office:** 23-31, Nishiki 3-chome, Naka-ku, Nagoya 460-0003 (Sakaemachi Bldg.)
- Toyama Plant:** 27 Takauchi, Toyama-shi, Toyama 939-2254
- Shiga Plant:** 126-1 Takakaicho, Ohmihachiman-shi, Shiga 523-0891
- Shirakawa Plant:** 1-5 Kakurekubo, Omotego Komatsu, Shirakawa-shi, Fukushima 961-0405
- Yamanashi Plant:** 647 Shimo-Kanogawa, Yamanashi-shi, Yamanashi 405-0017
- Laboratory:** 126-1 Takakaicho, Ohmihachiman-shi, Shiga 523-0891

## Affiliated Companies Nippon Carbon Group

- **Nippon Techno-Carbon Co., Ltd.**  
62-6 Nakasoneyama, Kawauchi, Osato-cho, Kurokawagun, Miyagi 981-3514
- **Nippon Kornmeyer Carbon Group GmbH**  
Im Nassen 3, 53578 Windhagen, Germany
- **Tohoku Techno-Carbon Co., Ltd.**  
62-6 Nakasoneyama, Kawauchi, Osato-cho, Kurokawa-gun, Miyagi 981-3514
- **Keihan Tanso Kogyo Co., Ltd.**  
2309 Kawahigashi, Iga-shi, Mie 519-1424
- **Kyushu Tanso Kogyo Co., Ltd.**  
1-10 Yurigaoka 3-chome, Umimachi, Kasuya-gun, Fukuoka 811-2101
- **Nippon Carbon Engineering Co., Ltd.**  
122 Takauchi, Toyama-shi, Toyama 939-2254
- **NGS Advanced Fibers Co., Ltd.**  
1-1 Takauchi, Toyama-shi, Toyama 939-2254
- **Central Carbon Co., Ltd.**  
11F No150 Chang An West Rd, Datong-Dist, Taipei-City, Taiwan
- **Toho Tanso Kogyo Co., Ltd.**  
686-3, Ebisuno-cho, Nishi-iru, Shinmachi, Shichijo-dori, Shimogyo-ku, Kyoto 600-8310
- **Nikka-en Co., Ltd.**  
126-1, Takakaicho, Ohmihachiman-shi, Shiga 523-0891

