



NANO BRIDGE

Advanced Carbon Material Provider

A pathway to cutting-edge technology and a sustainable environment
through Nano Carbon Materials



www.nanobridge.co.kr

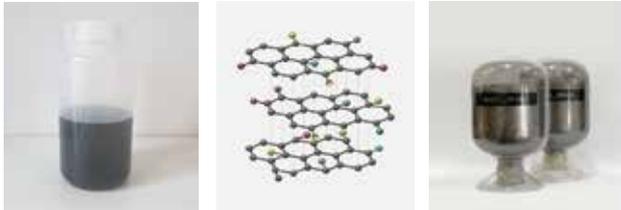
ABOUT NANOBIDGE

SERVICE

- Providing Customized Nano Carbon Materials
- Anti-Static, Electromagnetic Shielding Material Solutions
- Providing Total Thermal Solutions

PRODUCTS

TYPES OF PRODUCTS



- Graphene
- Graphenenanoplatelets
- Functionalized Nanocarbon Materials
- Insulative Carbon Materials

OFFERING TYPES

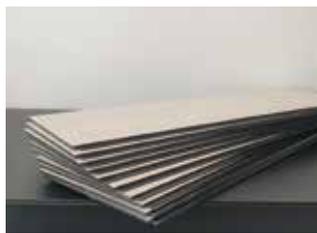


- Powder Type
- Solution Type
- Liquid Compound/Paste
- Pallets

APPLICATIONS



Planetary Heating System



Thermally Conductive
Flooring Panels



Fabric Coating Agent for Electronic Devices
(Thermally Conductive/Water Repellent)

PATENTS

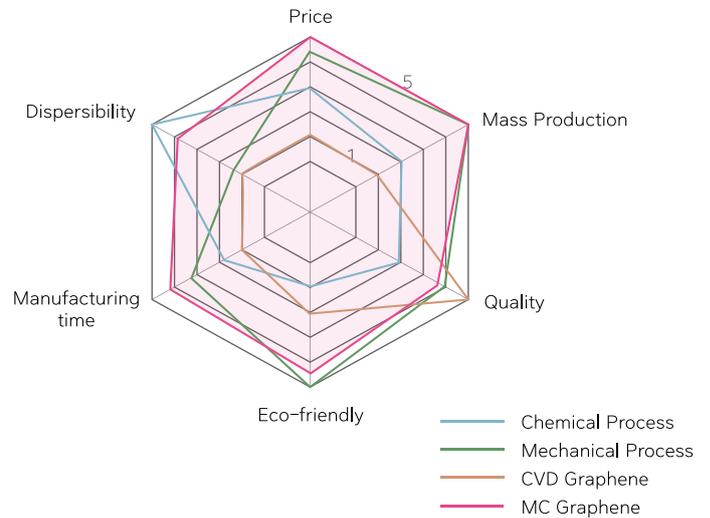
- Insulating graphite composition having core-shell structure and methods of producing the same (2023, Patent in Progress, 10-2023-0164792)
- Heat and water repellent compositions comprising carbon-based fillers with glycol-based functional groups, methods of preparation thereof, and uses thereof (2023, Patent In Progress, 10-2023-0164793)

MC GRAPHENE

MECHANO-CHEMICAL GRAPHENE

ABOUT

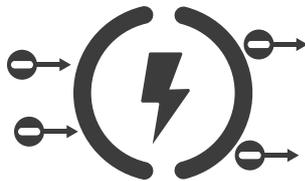
Mechanochemical Graphene (MC Graphene) is an innovative type of graphene that combines the strengths of mechanical and chemical processes while overcoming their respective limitations. MC graphene exhibits higher electrical and thermal conductivity, higher dispersibility, and eco-friendliness. For future needs in advanced materials, MC graphene will be an excellent choice for your high-performance products and materials.



FEATURES



High Strength and Toughness



High Electrical Conductivity



High Thermal Conductivity



Light Weight



Eco-Friendly

SPECIFICATIONS

Properties	MC Graphene
Offering Types	Powder or Solution
Layers	5 ≤
Sizes	0.1 ~ 50 μm
Defect (I_D/I_G)	0.1 ≤
O Contents	1% ≤
Conductivity (S/m)	$10^{-2} \sim 10^4$
Specific Surface Area (m ² /g)	10 ~ 500

