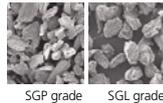


# Fine Powder High purity and fineness with wide variations



**Artificial Graphite Powder**

Artificial Graphite Powder that realizes stable quality by utilizing original advanced graphitizing technology.

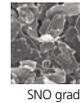


SGP grade SGL grade



**Natural Graphite Powder**

A high purity natural graphite powder that realizes high purity despite using natural graphite as the raw material.



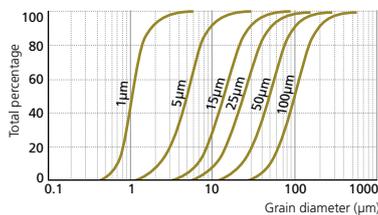
SNO grade



**Carbon Powder**

A carbon powder that boasts high quality, made by finely and uniformly pulverizing select raw materials.

● **Grain distribution** (representative example)



● **Element analysis examples of impurities**

(Unit: ppm)

| Grade | Element |     |     |     |     |
|-------|---------|-----|-----|-----|-----|
|       | Al      | Ca  | Fe  | Si  | Ti  |
| SGP   | 20      | 50  | 100 | 30  | 10  |
| SGO   | 20      | 30  | 60  | 20  | 5   |
| SNO   | 15      | 30  | 60  | 30  | 40  |
| SGX   | 0.1     | 0.5 | 0.2 | 0.1 | 0.1 |

**Packing**

Depending on the particle size, 5kg, 10kg, 15kg, and 20kg packings are available.



! SEC Fine Powder is an extremely chemically stable material (CAS NO. 7782-42-5, 7440-44-0) and is not classified as a hazardous material. Before use, please read the "Material Safety Data Sheet" and use the product correctly.

● **SG Series High Purity Artificial Graphite** Particle size from 1 micron to 100 microns is available. Variety of grades is also available ranging from high purity to super-high purity.

| Grade | Characteristics  | Ash content (%) | Purity (%) | True density (g/cm <sup>3</sup> ) | Surface interval (Co/2nm) |
|-------|--|-----------------|------------|-----------------------------------|---------------------------|
| SGP   | Graphite powder manufactured by processing select artificial graphite material using original, advanced graphitizing processing and high purity processing. Possesses outstanding electrical conductivity and lubricity. | 0.03            | 99.97      | 2.24                              | 0.3362                    |
| SGO   | Highly oriented, high purity carbon powder identical to natural graphite crystals, manufactured using a proprietary process. Outstanding electrical conductivity, lubricity and thermal resistance.                      | 0.02            | 99.98      | 2.25                              | 0.3360                    |
| SGX   | Ultra high purity graphite powder with an ash content of less than 10ppm, refined using high purity processing technology.   | 10ppm           | 99.999     | 2.25                              | 0.3360                    |
| SGL   | Graphite powder that uses lump coke as a raw material and has undergone advanced graphitizing processing. In addition to electrical conductivity and lubricity, it also possesses outstanding wear resistance.           | 0.25            | 99.75      | 2.20                              | 0.3370                    |

● **SN Series High Purity Natural Graphite** High purity equivalent to that of artificial graphite.

|     |  |      |       |      |        |
|-----|--|------|-------|------|--------|
| SNO | Graphite powder manufactured by processing select natural graphite using a proprietary special refining process. In addition to a purity equivalent to artificial graphite, this powder possess highly superior electrical conductivity and lubricity. | 0.03 | 99.97 | 2.26 | 0.3355 |
| SNE | Graphite powder processed using a special slicing process and possesses outstanding electrical conductivity.   | 0.03 | 99.97 | 2.26 | 0.3355 |

● **SC Series High Quality Carbon** Ideal material for friction moderators and general lubricant applications. Also is being used as raw material for specialty graphite products.

|     |  |      |       |      |        |
|-----|--|------|-------|------|--------|
| SCN | High chemical reactivity and is a carbon material with appropriate slide properties. | 0.10 | 99.90 | 2.14 | 0.3375 |
| SCL | Carbon material ideal for sliding material that requires wear resistance.            | 0.40 | 99.60 | 2.05 | 0.3384 |