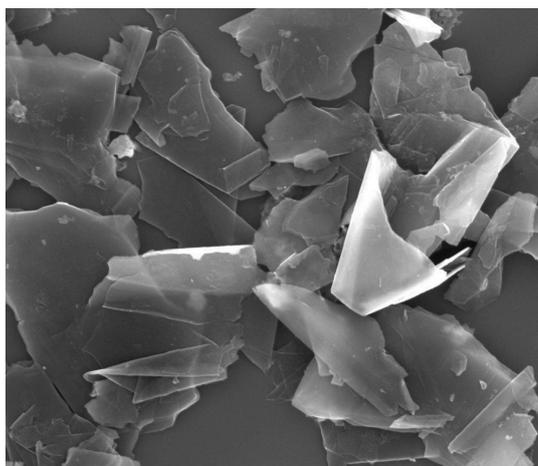


Technical Data Sheet
Graphene Nanoplatelets
GS-050P
GS-053PC
GS-051PA

PROPERTIES OF GS GRAPHENE POWDER

- **Thickness** - up to 2 nm
- **SSA** - 100 m²/ g
- **Bulk Density** - 120 kg/ m³
- **Lateral Size** - up to 50 micron
- **Electrical Conductivity** - 60 000 S/ m (15 bar)
- **Carbon content** - 95.5% - 99,6%



Graphene Star (GS) produces graphene from natural graphite. The patented method makes it possible to obtain graphene of exceptionally high purity and with high electrical conductivity and ensures that graphene nanoplatelets do not have defects or deformations. Graphene is produced in the form of an aqueous paste with a dry matter content of about 30%, which allows graphene plates to retain their original properties and durability. GS graphene is ready for use in many applications and water-based coatings. Graphene paste can be dried to a powder state and used in a variety of applications.