



Data Sheet for GS-030W Graphene Water Paste

Graphene Nanoplatelets

Graphene Star (GS) manufactures graphene from natural and synthetic graphite. Its patented method allows graphene production of exceptionally high purity and conductivity and ensures that graphene nanoplatelets have no defects or deformations.

The graphene comes in an aqueous paste form with a dry matter content of approximately 30%, which enables graphene platelets to retain their original properties and longevity. The platelets are ready to use in lithium battery electrode as well as in various water-based coatings. The water based graphene can be dried and used in numerous applications.

One of the most important properties of GS-030W is the high value electrical conductivity of the dry powder, which can reach 46000 S/m. This value is obtained by pressing the dry powder GS-030 at a pressure of 15 bar.

Graphene Star is able to offer its products at competitive prices and in any required quantity.



Properties of GS-030W

Thickness	up to 2 nm
SSA	180 m ² / g
Bulk Density	120 kg/ m ³
Lateral Size	up to 30 micron
Electrical Conductivity	46 000 S/ m (15 bar)
Carbon	99,6%



