

G+® Technology

G+® is a Directa Plus brand, we offer a range of graphene nanoplatelets- based products – either ready-to-use or custom-blended to meet customers' specific technical requirements.

Benefits of G+® products:

- ▶ Chemical Free
- ▶ Certified as non-toxic
- ▶ High Purity
- ▶ Consistent Quality
- ▶ Taylor-made particles shape
- ▶ Production capacity: 30 tonnes/year
- ▶ Abundant, safe and non-toxic raw material

Patented, Modular process

Our production process uses a unique technique we call Plasma Super Expansion. Starting from natural graphite, each step of the process – expansion, exfoliation and drying – creates graphene nanoplatelets-based materials ready for a variety of uses and available in different forms such as powder, liquid and paste.

Our production process produces a highly consistent graphene nanoplatelets product - an important factor for commercial customers - and does not need any chemical or solvent additives.

Oil-Spill recovery

GRAFYSORBER® is an innovative graphene-based material ideal for tackling environmental emergencies, including both historical and recent pollution

- ▶ At least five times better than conventional solutions
- ▶ Very fast adsorption kinetics
- ▶ Recovery of adsorbed hydrocarbons and re-use of the material

Commercial Products

A wide range of oil adsorbent barriers and pillows is available in different sizes and formats. Directa plus has the expertise required to setup a mobile production unit and able to produce on site and on-demand the GRAFYSORBER® needed to clean up the contamination

