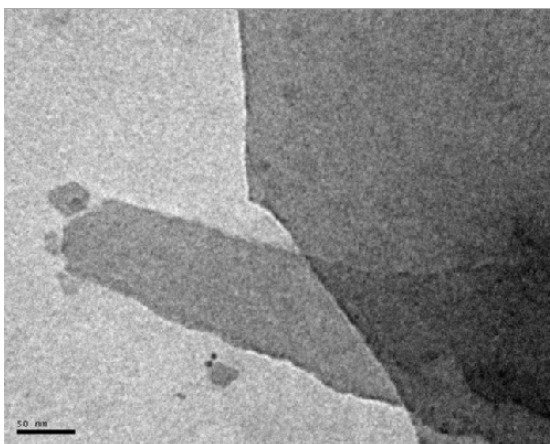


Graphene Oxide

(ref. GPHOX)

DropSens continues increasing the family of carbon nanomaterials by launching to the market the Graphene Oxide.

The Graphene Oxide has been prepared by a modification of the Hummer's method. This yields a material with a significant number of oxygen-containing functional groups which assures homogeneous colloidal suspensions in polar solvents without addition of any surfactant.



Graphene oxide sheets observed by transmission electron microscopy (TEM)

Physical appearance: dry free-flowing powder

Colour: brown

Grain size: 0.5 – 50 microns

Solubility: forms homogeneous dispersions in water, tetrahydrofuran (THF) and dimethylformamide (DMF)

Applications: solar energy, conductive films, nonvolatil memory technology...

The product is available in 0.1 g and 1g.

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Further information is available upon request