



11, Gujarat Laghu Udhog Vikas Mandal
Estate, Nr. Shani Dev Temple, Dhobighat
Road, Shahpur, Ahmedabad-380004
Gujarat

GO DISPERSION

Description

Graphene Oxide Dispersions are concentrated monolayers graphene oxide sheets dispersed in water and other polar solvents at different concentrations. Our graphene oxide tends to give excellent improvements in mechanical and thermal properties.

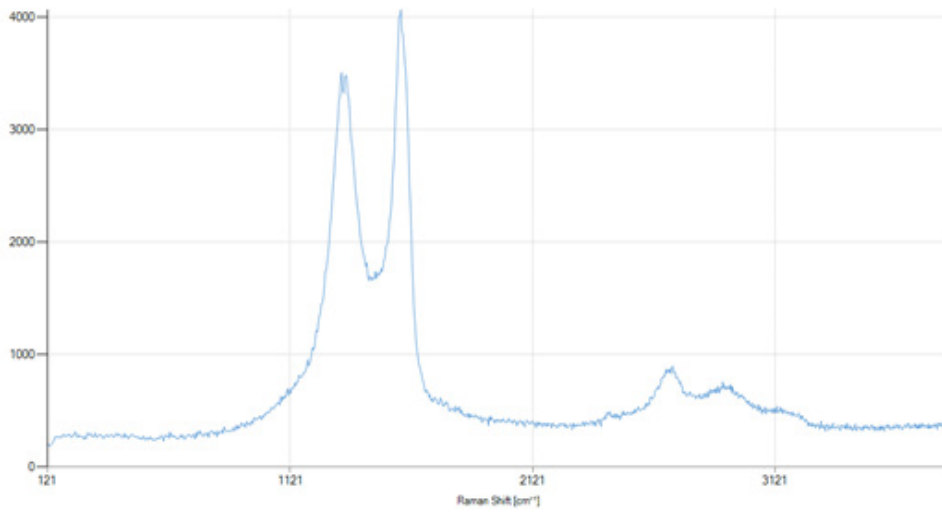
Properties

Appearance	Yellow / Brown
Concentration (mg/ml)	0.5 - 4
Oxygen	51 – 63 %
Carbon	40 – 55%
Hydrogen	0.5 to 3 %
Sheet Thickness (nm)	0.8 to 2
Lateral size	few nm to 25 micron
Solubility	D.M Water or Polar solvents
pH	1-5 (depending on concentration)

Applications

- Graphene/polymer composite materials
- Batteries
- Biomedical
- Solar cells
- Super capacitors
- Support for metallic catalysts
- Low permeability materials
- Biosensors
- Multifunctional materials
- Graphene research

Raman Spectroscopy Result



XRD Result

