

# TECHNICAL DATA SHEET

## Grat-GO™

### High-quality graphene oxide solutions

BGTM's Grat-GO™ products consist of high-quality single-layer graphene oxide (GO) flakes dispersed in aqueous solutions. The solutions are purified and have a pH value between 6 and 7. With a lateral flake dimension as large as 20 μm, Grat-GO™ solutions are ideal for a wide range of applications such as energy storage, transparent conductive coatings, supports for catalysts, composites, and chemical sensors.

#### Technical Data

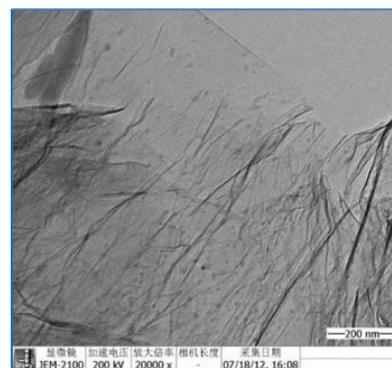
Product Analysis	
Concentration	0.1 mg/mL, 1 mg/mL, 5 mg/mL
Flake size	1-20 μm
Composition	GO in DI H2O
pH value	6 - 7
Color	Brown to Black, depending on the concentration

**SOLUTION CONCENTRATIONS CAN BE CUSTOMIZED**

The statement, technical data and recommendations contained herein are based on our investigation and experience, and are believed to be accurate as of the date hereof. In view of the many factors that may affect processing and application of our product beyond our control, BGTm expressly disclaims all obligation and liability as to any results obtained or arising from any use of the product or reliance on such information. Neither do these data imply any warranty of certain properties, nor the suitability of the product for any particular purpose. The information provided herein relates only to the specific product designated and may not be applicable when such product is utilized in combination with other additives or in any process. The product should be stored in a cool, dry environment, away from direct sources of sunlight. Precipitation is



Typical TEM image of graphene oxide



Typical SEM image of graphene oxide sheet deposited on SiO<sub>2</sub>/Si substrate

