

## Technical Datasheet

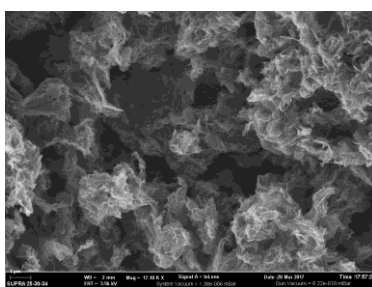
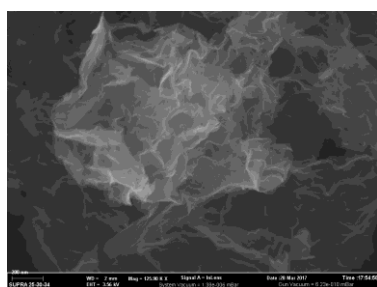
Product name: **REDUCED GRAPHENE OXIDE (nanoporosity)**

### Technical Attributes

No	Name of performance	Standard
1	Form	Dry powder
2	Particle size	10 – 100 microns
3	Color	Black
4	Smell	No contact
5	Conductivity (double-contact method)	No less than 2.0 S/cm
6	Dispersibility	Ammonia water, N-methylpyrrolidone, dimethyl sulfoxide, dimethyl formamide
7	Bulk density	No less than 0.03 g/cm <sup>3</sup>
8	Specific surface area (BET)	No less than 550 m <sup>2</sup> /g
9	Pore size	3.0-4.0 nm
10	Pore volume	0.60-0.65 cm <sup>3</sup> /g

### Chemical Composition

No	Composition	Standard (weight %)
1	Basal substance content	No less than 99 %
2	Carbon	No less than 96.0 %
3	Oxygen	No more 2.7 %
4	Hydrogen	No more than 0.3 %
5	Sulfur	No more than 0.4%
6	Nitrogen	No more than 0.5%
7	Other impurity	< 0.1 %



SEM Images

