

## Technical Data Sheet

### Graphene Aqueous Suspension S-WB30

**S-WB30** is an aqueous graphene suspension. 5 wt% multi-layer graphene sheets are dispersed uniformly in the water and compatible with most aqueous system.

#### Physical Property

- Appearance : Gray black liquid
- Solvent : Water
- Solid Content :  $5\pm 0.5$  wt%
- Additive :  $\leq 2.0$  wt%
- Viscosity<sup>+</sup> :  $3,750\pm 1,250$  cps
- pH :  $8.0\pm 1$
- Fineness :  $\leq 10$   $\mu\text{m}$
- Shelf Life : Sealed for 3 months @ 25 °C

<sup>+</sup> Viscosity: Brookfield HADV-I+ with Spindle #2 @ 12rpm

#### Recommended Operation Condition

- Solid settling may occur over time. Stirring thoroughly is recommended before use.
- Clean up by soap water, ethanol and IPA.
- Please wear protective cloths and operate in a proper ventilation system.

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Please note that partial of the analysis data are also conveniently available online at [www.graphene.com.tw](http://www.graphene.com.tw)

## Storage

- Graphene aqueous suspension should be stored in a clean and stable environment at room temperature.
- Storage in high temperature (>30 °C) or freezers (<0 °C) is NOT recommended.

## Safety Issue

- Products are intended for use in an industrial environment by trained personnel. Please follow proper health/safety processes regarding storage, handling and processing of the products. For Safety and Handling information pertaining to this product, refer to Safety Data Sheet (SDS).

## Package

- The standard package is 1KG/Plastic jar. It could be customized according to customers' requirement.



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