

|                     |   |
|---------------------|---|
| Health              | 1 |
| Flammability        | 1 |
| Reactivity          | 0 |
| Personal Protection | E |

## Technical Data Sheet

**Chemically pure, unoxidised graphene, has not been subjected to thermal deformation.**

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## 1 – Preparation Method

Preparation Method: **low-temperature physical exfoliation**

## 2. Composition/Information on Ingredients

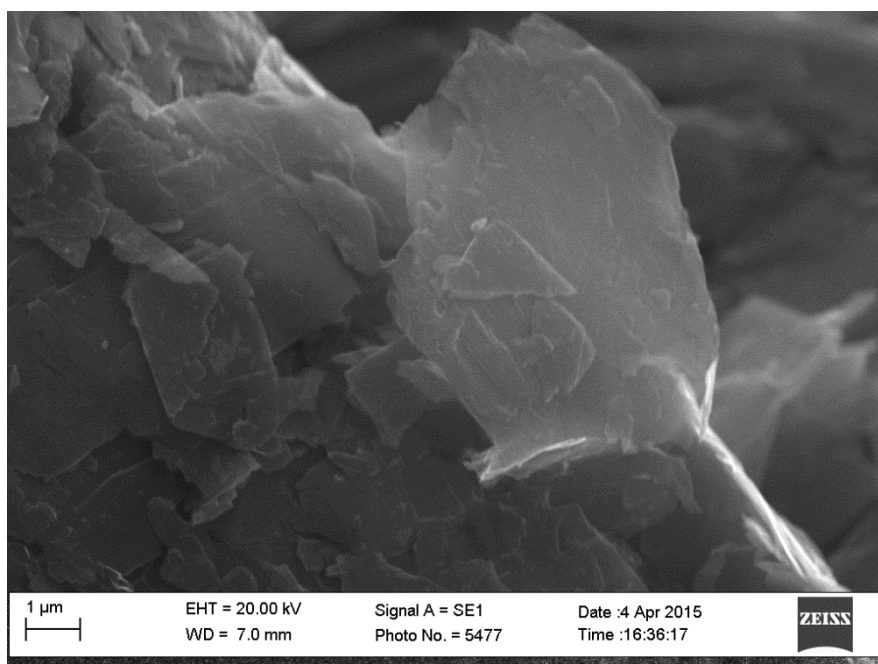
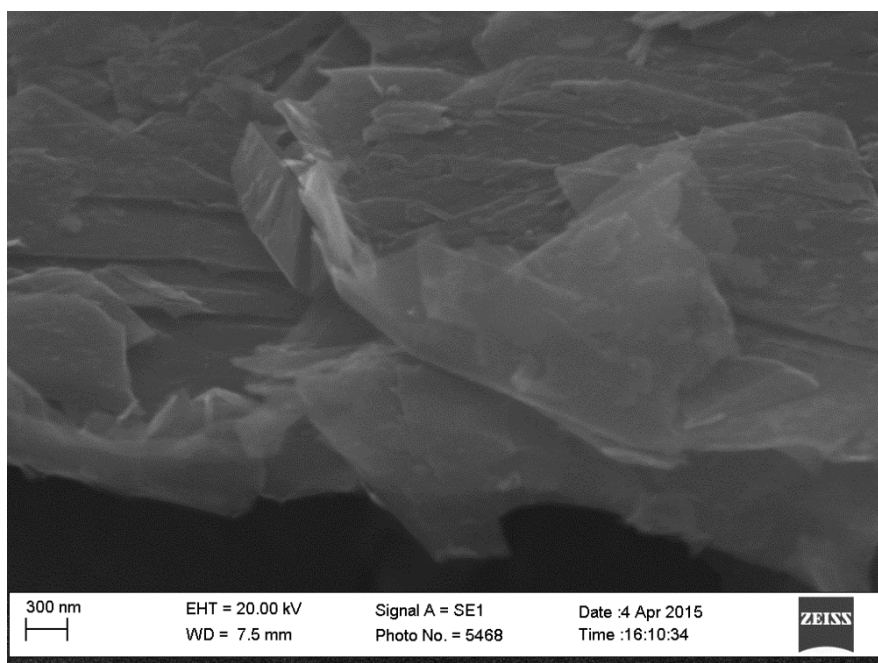
Carbon > 99,6 %

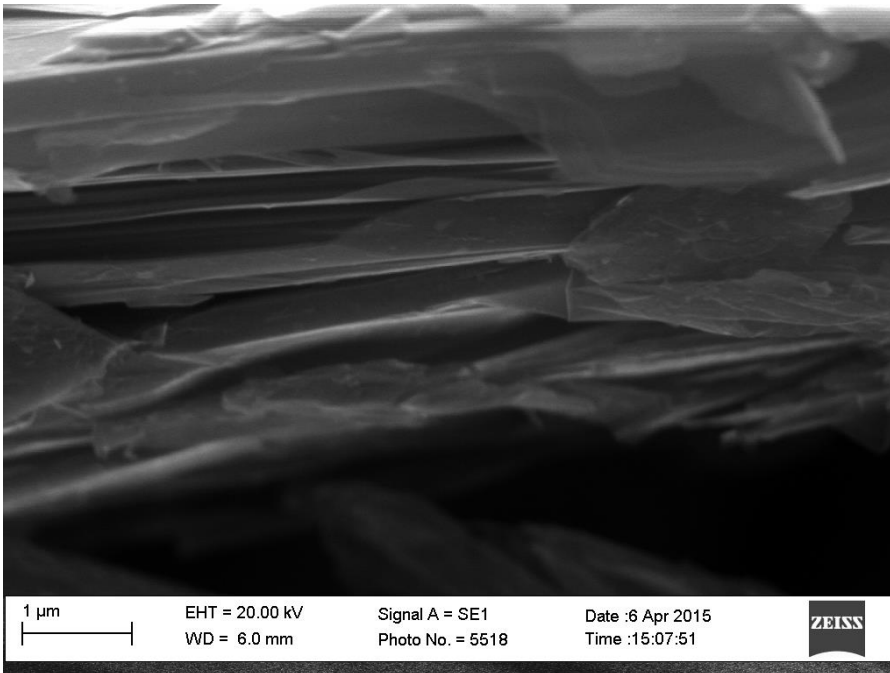
## 3 – Characterization & Analysis

Thickness (nm):  $\leq 3.0$

MB surface area (m<sup>2</sup> /g):  $\sim 80$

Electrical resistivity ( $\Omega \cdot \text{cm}^{-1}$ ):  $\leq 0.15$





#### 4. Application Fields

Supercapacitors; Catalyst;

Solar energy;

Graphene semiconductor chips;

Conductive graphene film;

Graphene computer memory;

Biomaterials;

Transparent conductive coatings.