

Health	1
Flammability	1
Reactivity	0
Personal Protection	E

## Technical Data Sheet

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

## Table of contents

- 1 – Preparation Method
- 2 – Composition & Information on Ingredients
- 3 – Characterization & Analysis
- 4 – Application Fields

## 1 – Preparation Method

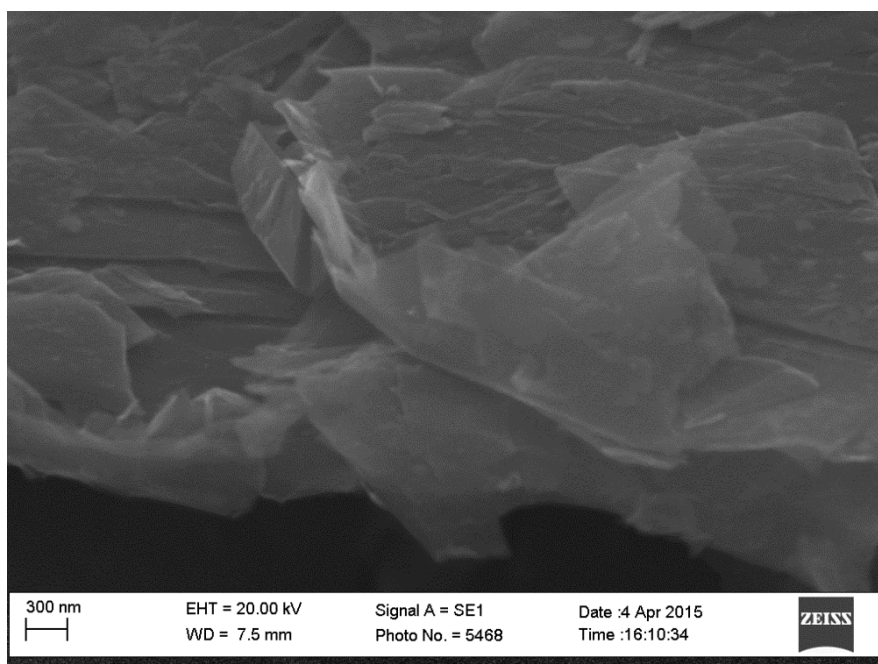
Preparation Method: **low-temperature physical exfoliation**

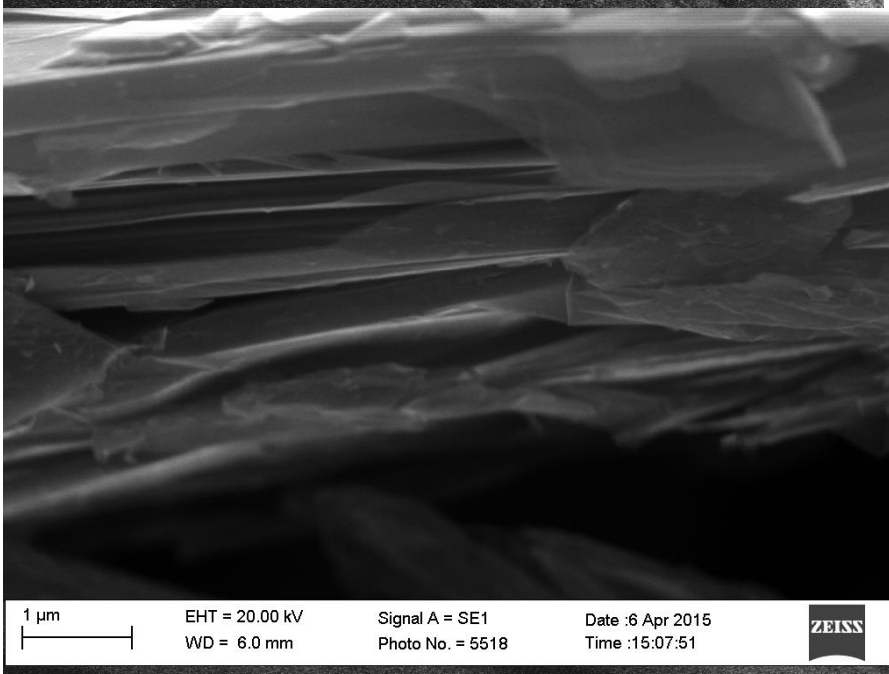
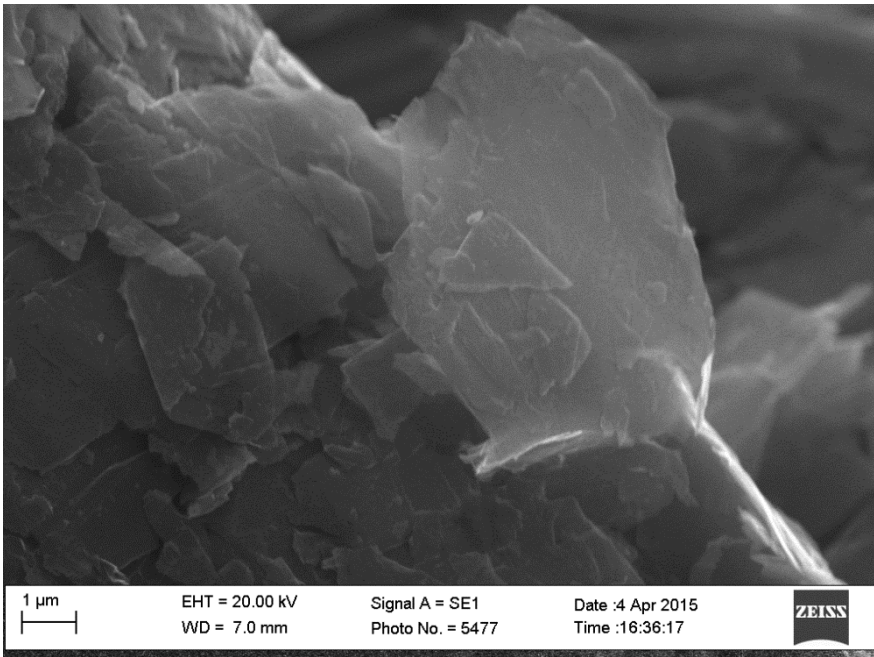
## 2. Composition/Information on Ingredients

Carbon > 99,6 %

## 3 – Characterization & Analysis

Thickness	< 3	nm
Diameter	<15	µm
SSA	>200	m <sup>2</sup> / g
Bulk Density	120	kg/ m <sup>3</sup>
Electrical Conductivity	70 000	S/ m ( powder, 500 Bar )





#### 4. Application Fields

Supercapacitors; Catalyst;

Solar energy;

Graphene semiconductor chips;

Conductive graphene film;

Graphene computer memory;

Biomaterials;

Transparent conductive coatings.