Technical Data Sheet

ACS Material Ti_3C_2Tx MXene

(few-layer nanoflakes)

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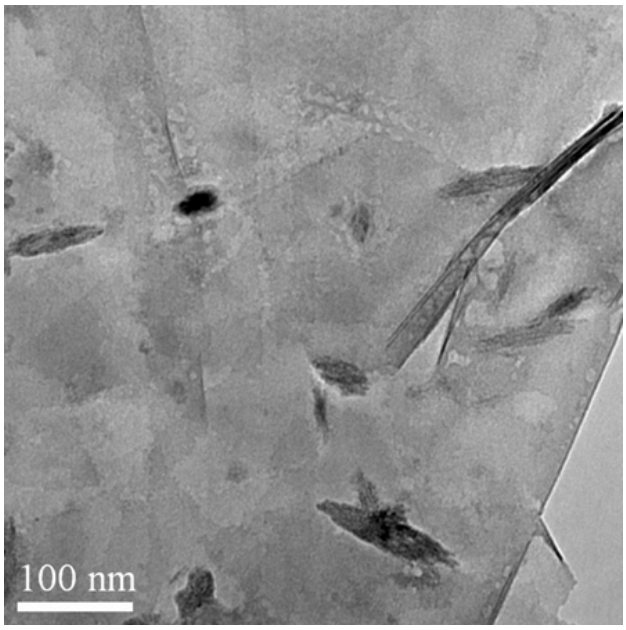
1. Product Information

Product Name:	Ti_3C_2Tx MXene (few-layer nanoflakes); few-layered Ti_3C_2Tx MXene; few-layer MXene Ti_3C_2Tx nanoflakes;
CAS No.:	12363-89-2
Appearance:	Black Powder
Content:	Ti_3C_2
Layers:	1-10
Purity:	~75-85 wt%

2. Characterizations



Typical SEM of ACS Material ACS Material Ti_3C_2Tx MXhene (few-layered nanoflakes)

3. Application Fields

a. Nano-adsorption
b. Lithium-ion battery
c. Supercapacitor
d. Biosensors
e. Lubrications
f. ion-sieving and catalysis, etc.

4. Storage

Keep it sealed with Argon protection in a vented area at room temperature and avoid light. Shelf life is about 3 months.

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