

Graphene nanoplates, 3-10nm

Cat: NM000100

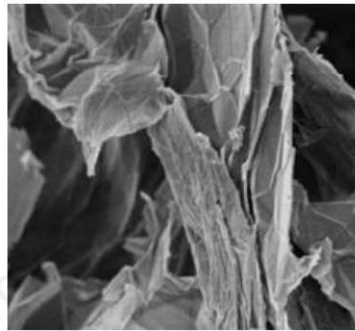
Specification: 1g/10g

Storage: Sealed, avoid light, and keep dry at room temperature. Expiry date: 6 months.

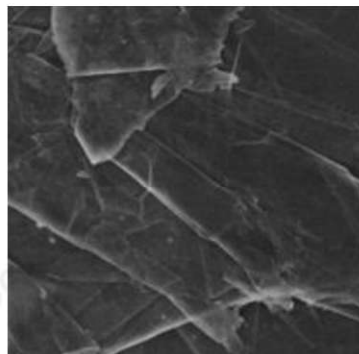
Product Introduction:

Product name	Graphene nanoplates
Thickness	3-10nm
Diameter	5-10 μ m
Conductivity	500-1000 S/cm
Purity	99.5%
Surface area	31.657 m ² /g
Tap density	0.075 g/cm ³
Apparent density	0.050 g/cm ³

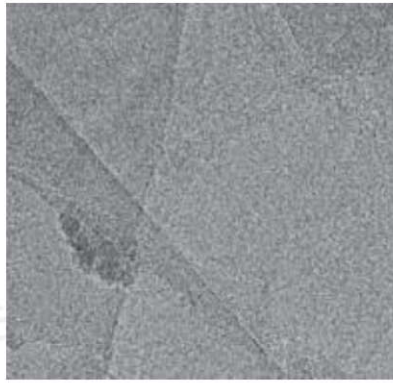
Representation Test Diagram:



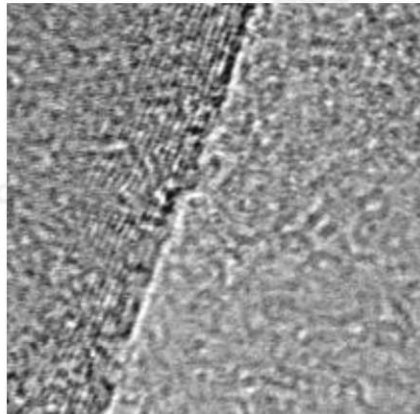
SEM image of graphene nanoplates (10 μ m)



SEM image of graphene nanoplates (3 μ m)



TEM image of graphene nanoplates (50nm)



TEM image of graphene nanoplates (5nm)

Application:

Improve tensile strength, stiffness, corrosion resistance, wear resistance and anti-static and lubricant properties in composite, and improve mechanical and electrical conductivity etc.

Note:

1. This product is for scientific research use only. Do not use for medical, clinical diagnostic or therapeutic, food or cosmetic purposes. Do not store in ordinary residential areas.
2. For your safety and health, please wear a laboratory coat and wear disposable gloves and masks to operate.