Single Layer Graphene Oxide Powder, 3-5µm

Cat. No. GRA-GX001

Lot. No. (See product label)

Product Name	Single Layer Graphene Oxide Powder, 3-5µm
Common Name	Single Layer Graphene Oxide Powder, 3-5µm
Synonyms	Single Layer Graphene Oxide Powder, 3-5µm
Description	This product is a powder formed by wrinkling a single layer of graphene oxide. Due to the wrinkled structure, micropores and mesopores exist between graphene oxide sheets, which reduces the stacking between sheets and improves its dispersibility and solvent wettability. After dispersion, the monolayer ratio of graphene oxide sheet can reach more than 99%.
	Not easy to stack, good dispersion.
	The density, specific surface area, oxygen content and defect degree of the powder can be adjusted.
	The source of raw materials is wide and the cost is low.
	Highly wrinkled structure, rich pore structure
Product overview	Diameter: 3-5µm
	Single Layer ratio after dispersion:>99%
	O Content: 30-40%
Storage	Store at room temperature
Application	1, Graphene oxide powder can be compounded with most polymer materials, has good dispersion, and can improve the strength, modulus, UV resistance, corrosion resistance, wear resistance, far-infrared emission and other properties of the material.
	2, Due to its wrinkled structure and abundant pore structure, graphene oxide powder has broad prospects in many fields such as supercapacitors, batteries, and catalyst supports.

3, Graphene oxide powder can be used as a lubricating oil additive to improve the performance and durability of lubricating oil, and has better dispersion than multi-layer graphene.

4, It can be used to prepare graphene-based coatings, air purification filter elements, oil-absorbing materials, etc.