



Mn_3O_4

Graphene
Nanocomposite

Purity
99.9%

NANOCOMPOSITE
Dispersion



Graphene

NANOCOMPOSITE

Dispersion



APS

80-100nm
(Mn₃O₄)

Mn₃O₄ Graphene Nanocomposite Dispersion

Stock No : NS6130-12-001708
Color : Black/Brown
Formula : Mn₃O₄
Purity : 99.9%

Applications:

Mn₃O₄ is sometimes used as a starting material in the production of soft ferrites e.g. manganese zinc ferrite, and lithium manganese oxide, used in lithium batteries.

Manganese tetroxide can also be used as a weighting agent while drilling reservoir sections in oil and gas wells.

Technical Specification

Thickness	APS
5-10nm(Graphene)	80-100nm (Mn ₃ O ₄ Nano Crystal)

A composite material (also called a composition material or shortened to composite, which is the common name) is a material which is produced from two or more constituent materials. These constituent materials have notably dissimilar chemical or physical properties and are merged to create a material with properties unlike the individual elements. Within the finished structure, the individual elements remain separate and distinct, distinguishing composites from mixtures and solid solutions.

Manganese(II,III) oxide is the chemical compound with formula Mn₃O₄. Manganese is present in two oxidation states +2 and +3 and the formula is sometimes written as MnO · Mn₂O₃. Mn₃O₄ is found in nature as the mineral hausmannite.