



Pt Pd

Graphene

Purity
99.9%

NANOCOMPOSITE
Dispersion

Pt Pd

Graphene

NANOCOMPOSITE

Dispersion



APS

20-30nm

Applications:

PtPd Graphene Nanocomposite for promising applications in enhanced catalytic activity transistors, Supercapacitor electrode materials, fuel cell., sensors, solar cells, ultra-thin flexible displays, hydrogen storage, chemical sensors, biosensors, and super-fast transistors, clinical applications.

Pt pd/ Graphene Nanocomposite Dispersion

Stock No	:	NS6130-12-001715
APS	:	20-30nm
Thickness	:	5-10nm (G)
Purity	:	99.9%
Formula	:	Pt Pd

Metal nanoparticles and the combination of metal nanoparticles with graphene oxide are widely used in environmental, agriculture, textile, and therapeutic applications.

PtPd Graphene Nanocomposite including a high electrical conductivity, large specific surface area and high chemical and mechanical stabilities.

Graphene-based nanocomposites with metal nanoparticles show immense interest due to their extraordinary physical, chemical, and biological properties. The excellent properties of combination of graphene based materials and metal nanoparticles shows promising nanomaterial in many fields of application such as electronic-devices, sensors, nanocomposites, energy storage, and supercapacitors. Metal nanoparticles, such as silver and graphene oxide, exhibit significant antibacterial activity against Gram-negative and -positive bacteria and anticancer activity against human ovarian cancer cells and human neuroblastoma cancer cells. In particular, PtpdNPs are highly important metallic catalysts for many electrochemical reactions and used as sensors towards biological and drug molecules.