



Slurry, Suspension, Dispersion

Pd

PALLADIUM NANOPARTICLES DISPERSION

Palladium Dispersion is also an indispensable material component in applications involving hydrogen storage and gas sensing. These nanoparticles dispersions can be stabilized with ligands, surfactants, dendrimers, etc. Moreover, Pd NPs dispersion show high catalytic activity for ethanol electro oxidation in basic media and have the potential to be utilized as a surface-enhanced Raman scattering (SERS) substrate.

Applications

- ✓ Sensors
- ✓ antimicrobial activities
- ✓ Fuel cell
- ✓ Photo-catalysts
- ✓ Biomedical use
- ✓ Electrical industry

Properties

- ✓ Low viscosity
- ✓ Optical properties
- ✓ Electronic properties
- ✓ Chemical properties.
- ✓ High surface area
- ✓ Highly active catalysts

Quick Facts

Purity	: 99.99 %
APS	: Customer requirement
Molecular Weight	: 106.42 g/mol
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)

