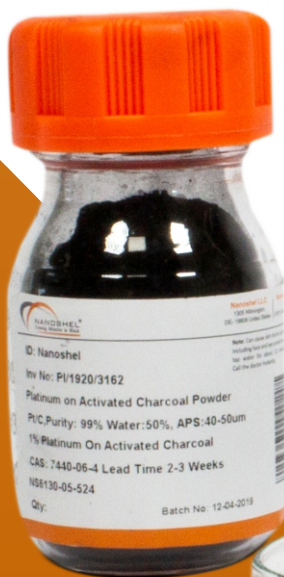


PLATINUM CARBON CATALYST

Stock No: NS6130-05-524

Pt/C



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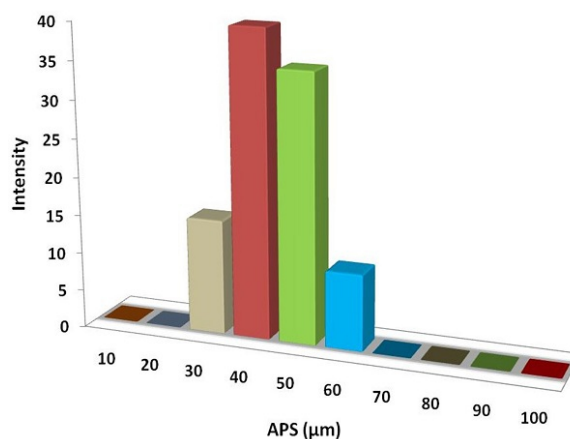
| www.nanoshel.com | sales@nanoshel.com

Platinum Carbon Catalyst

Platinum on carbon is catalyst material with applications in synthetic chemistry such as hydrogenation and hydrogenolysis of organic compounds, alternative energy, and fuel cell technologies. Platinum on carbon, often referred to as Pt/C, is a form of platinum used as a catalyst. The Platinum Carbon Catalyst is a supported catalyst for supporting platinum on activated carbon, and is the most commonly used one of the precious metal catalysts. It can be used in the fields of pharmaceuticals, electronics, etc. The Platinum Carbon Catalyst is a supported catalyst for supporting platinum on activated carbon, and is the most commonly used one of the precious metal catalysts. It can be used in the fields of pharmaceuticals, electronics, etc. It has high selectivity and activity and long life. It can be circulated for more than ten times in the same system. The dosage is small, which is less than 10% of Raney nickel. The reaction can be carried out under low temperature, low pressure or even normal temperature and pressure. It is recyclable purification and reprocessing.

Quick Facts

| | | |
|-------------|---|--------------------------|
| Product | : | Platinum Carbon Catalyst |
| Color | : | Black Powder |
| Stock No | : | NS6130-05-524 |
| CAS | : | 7440-06-4 |
| Purity | : | 99% |
| APS | : | 40-50µm |
| Other Metal | : | 8500ppm |



Technical Specification

| Molecular Formula | Density |
|-------------------|-----------------------|
| Pt/C | 3.99g/cm ₃ |

Applications

- Oxidation reaction of CO, NH₃ and hydrocarbon
- Reduction reaction
- Polymer Electrolyte Fuel Cell (PEMFC)
- Polycyclic compound reduction

ISO 9001:2015
CERTIFIED COMPANY



2021CE4589C



192AZG01274G



2021CE4588M

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