



CESIUM

Tungstate

Nanoparticles

Stock no:
NS6130-12-000253

Quick Facts

Product	:	Cesium Tungstate Nanoparticles
Stock No	:	NS6130-12-000253
CAS	:	13587-19-4
Form	:	Powder
Purity	:	99.95%
APS	:	40µm

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13587-19-4

Caesium tungstate or cesium tungstate is an inorganic chemical compound that is notable for forming a very dense liquid in solution. The solution is used in diamond processing, since diamond sinks in it, whereas most other rocks float. Cesium tungsten nanometer size is best for the near infrared absorption capacity of a slurry, it not only in near infrared region it has strong absorption properties, at the same time in the visible light region also has strong permeability, because of this characteristic, so the construction glass heat insulation, car sticker, sunshade, plastic greenhouses and other industries have broad application prospects.

Molecular Formula	Molecular Weight	Density	Melting Point
Cs ₂ WO ₄	513.66 g/mol	8.42g/cm ³	>350°C °C

Applications:

- ✓ Transparent insulation coating and film;
- ✓ High performance insulating medium such as thermal fiber and textile fiber;
- ✓ Transparent insulated window membrane, building coating;
- ✓ Auto lamination, PVB insulation clip film, laser marking, laser welding, photothermal therapy, infrared filter, etc.

ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZAZG01274G



20ZICE4588M

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