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NICKEL POWDER – GRADE AH50

Introduction

Hunter Chemical's Nickel Powder Grade AH50 is a carbonyl-process pure nickel powder with spherical shape and spiky morphology used in P/M and other applications.

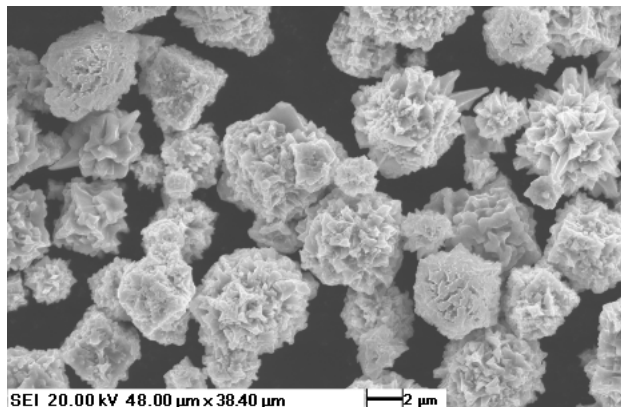
Properties

Nickel	99.8	% min
Carbon	0.1	% max
Cobalt	0.0005	% max
Iron	0.001	% max
Oxygen	0.15	% max
Silicon	0.0008	% max
Sulfur	0.001	% max

Average Particle Size: 3 – 4.5 μm (FSSS)
Microtrac (μm):
D10 5.40 D50 10.97 D90 24.65
Apparent Density: 2.1 – 2.4 g/cm^3
Morphology: Spherical shape with spiky surface

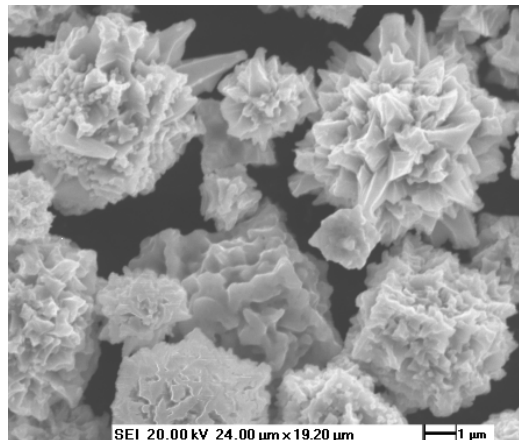
Packaging

25 kg (55.12 lb) pails; 300 lb drums
Custom packaging available upon request



▲ Grade AH50, shown here at 2500 x magnification, one of many Nickel Powders and Flakes available.

► For more information call toll free at 866 461 8882 or email sales@hunterchem.com



▲ Grade AH50 – at 5000 x magnification, characterized as spherical shape with spiky surface.

Other Consumables

In addition to Nickel Powder Grade AH50, Hunter Chemical offers nickel powders in various grades for a wide variety of applications. These include:

- Nickel Flake NF50 – An irregular-shaped platelet with high average aspect ratio for use in a variety of applications.
- Nickel Powder Grade AH440 – Spherical shape with mottled surface and greater density for MIM and other applications.
- Nickel Powder Grade OH series – The OH series of Nickel Powders is produced through a hydrometallurgical process, also known as Hydrogen-Reduced or the “Sheritt-Gordon” process. It is further processed into different particle size distributions for various applications.

Rev. 092812