

Nickel Powder

Grade OH900

Chemical Analysis

Element	Specification	Typical
Nickel	99.80 % min	99.90 %
Carbon	.0500 % max	.0420 %
Cobalt	.0050 % max	.0030 %
Copper	.0002 % max	<.0001 %
Iron	.0200 % max	.0090 %
Phosphorus	.0003 % max	<.0002 %
Sulfur	.0300 % max	.0300 %
Zinc	.0002 % max	<.0001 %
Lead	.0010 % max	.0001 %
Arsenic	.0010 % max	.0001 %
Silicon	.1000 % max	.01 %

Screen Analysis

Particle Size (microns)	Sieve Size (ASTM E11-87)	Typical (by weight %)
+ 90	+ 170 mesh	0.00 %
+ 75	+ 200 mesh	4.50 %
- 75 + 45	- 200 + 325 mesh	Balance
- 45	- 325 mesh	4.75 %

Apparent Density (Typical)

3.2 - 4.5 g/cm³

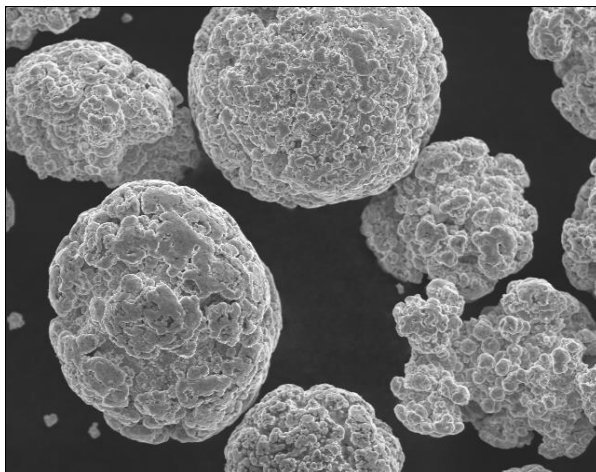
Morphology

Near spherical shape with
mottled surface

Packaging

250 lb fiber drums;
4 drums per pallet
Custom packaging available

OH900 at 500x mag; 240 x 192 µm



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