

Nickel Powder

Grade OH903

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 %)
+ 53	+ 270 mesh	0.0 %
+ 45	+ 325 mesh	0.2 %
+ 37	+ 400 mesh	16.8 %
- 37	- 400 mesh	83.2 %

Apparent Density (Typical)

3.2 - 4.5 g/cm³

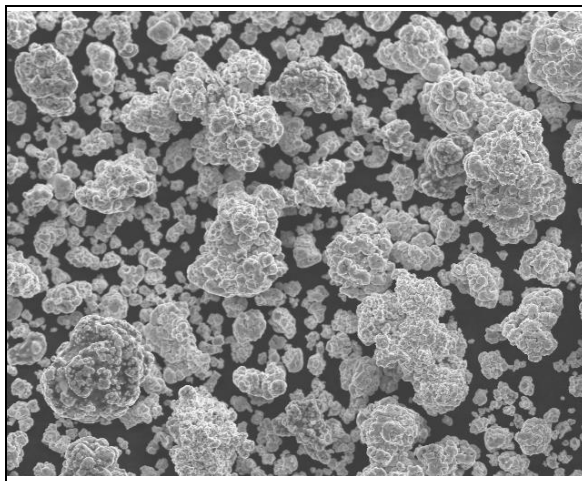
Morphology

Near spherical shape with
mottled surface

Packaging

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

OH903 at 500x mag; 240 x 192 µm ►



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