

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	47085
<b>Product</b>	<b>Carbon coated nickel nanopowder (20 nm)</b>
<b>CAS Number</b>	7440-02-0
<b>Molecular Formula</b>	Ni
<b>Molecular Weight</b>	58.69

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<b>Appearance</b>	Black powder
<b>Density</b>	Bulk density 0.08-0.2 g/cm <sup>3</sup> , True density 8.9 g/cm <sup>3</sup>
<b>Mesh Size</b>	APS 20 nm , SSA 40-60 m <sup>2</sup> /g
<b>Purity</b>	≥ 99.9% (Trace metals basis)
<b>Application</b>	Nickel nanoparticles has been used or researched as an additive, catalyst, electromagnetic shield, conductor, and more. As with other nanomaterials, nickel nanopowder can also be handled as a suspension in ethanol or other solvents.
<b>Storage</b>	Store at RT

**For Laboratory Use Only**