

## Specification Sheet

Iron Oxide Carbon Core Shell Nanoparticles  
(Fe<sub>3</sub>O<sub>4</sub>/C, 99.9%, Core: 80-100nm, Shell: 20-30nm)  
Stock No: NS6130-12-000553, CAS: N/A

<b>Product</b>	:	<b>Iron Oxide Carbon Core Shell Nanoparticles</b>
Stock No	:	NS6130-12-000553
Chemical Name	:	Fe <sub>3</sub> O <sub>4</sub> /C
Purity	:	99.9%
Core Diameter	:	80-100nm
Shell Thickness	:	20-30nm
Core	:	Iron Oxide
Shell	:	Carbon
Form	:	Powder
Shape	:	Spherical
Core Dia	:	25nm
Shell Dia	:	6nm
Surface Functionalities	:	Methoxy Terminated Polythelene Glycol
Storage Conditions	:	Normal Room Temperature
Solubility	:	Water Soluble
Stability	:	Water or Organic Solvents, depend on Surface Modification
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Note:** Product Specification are subject to amendment and may change over time