

Non-Magnetic

# STAINLESS STEEL POWDER



NS6130-05-564



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60-70 $\mu$ m

# Stainless Steel Powder

Stainless Steel is a chemical element with the symbol B and atomic number 5. Stainless Steel powder are used extensively because of their thermal properties. They have a broad range of applications like energy generation purpose specifically as high-energy agents in solid propellants and fuels. Stainless Steel nanoparticles are used as protective coatings, anti-freezing agents, semiconductors, braking system fluids, neutron capturer in cancer therapy, hydraulic systems fluids, hydrogen generation from water, corrosion inhibitor. Nuclear reactor neutron absorber and neutron counters.

## Quick Facts

Product	:	Non-Magnetic Stainless Steel Powder
Stock No	:	NS6130-05-564
CAS	:	12597-68-1
Purity	:	>99.9%
APS	:	60-70µm

## Technical Specification

Thermal conductivity	Density	Melting Point
16.3W/m/K	8.00 g/cm <sub>3</sub>	11370-1400 °C

- Metal injection moulding (MIM)
- Additive manufacturing
- Filters and foams
- Hot isostatic pressing



ISO 9001:2015  
CERTIFIED COMPANY



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