

Iron

SILICON MICRO POWDER

Quick FACTS

- ✓ Product : Iron Silicon Micro Powder
- ✓ Color : Gray/Brown Powder
- ✓ Stock No : NS6130-12-000380
- ✓ CAS : 8049-17-0
- ✓ Purity : 99.9%
- ✓ APS : 40-50µm
- ✓ Other Metal : 850ppm

Iron silicon powder is a offers significant advantages, displaying excellent soft magnetic properties such as high saturation magnetization, near zero magnetostriction and higher resistivity. Ferrosilicon is known to possess good resistance to abrasion, good resistance to corrosion, high specific gravity, and high magnetism, which allows easy magnetic recovery. In the steel making field , ferry silicon used as deoxidizer and alloying agent to precipit and diffuse deoxidation. In the iron casting , it can be used as inoculant and nodulizer. Ferro silicon also can be used as alloy elements join agent, which is widely used in low alloy steel, non-ferrous metal, bearing steel, heat-resistant steels and electrician silicon-steel.



CE ISO 9001:2015
CERTIFIED COMPANY

ISO: 13485:2016/20ZICE4588M
CE: 20ZICE4589C

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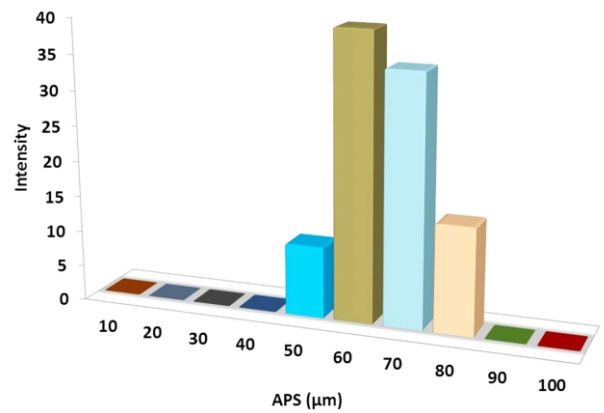
Applications

- ✓ SMPS choke inductors
- ✓ PFC, VRM inductors
- ✓ Boost reactor
- ✓ Smoothing choke for inverter
- ✓ Used as deoxidizer and alloying agents in the steel industry
- ✓ Used as a reductant in ferroalloy production
- ✓ Used in the steel making, iron casting, low-carbon ferroalloy producing



Packing Sizes Available

25Gms, 50Gms, 100Gms,
500Gms & Bulk Orders



Technical SPECIFICATION

Molecular Formula	Density	Melting Point
FeSi2	4.75 g/cm ³	1360 °C

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