

SOFT IRON POWDER

fe



NS6130-05-537



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60-70 μ m

Soft Iron Powder

Iron powder can also be used in the composition of soft magnetic composites. These composites are heat-treated and compressed until they become isotropic components that are in complex shapes while possessing 3-dimensional magnetic properties. These soft magnetic composites are often then used in electromagnetic applications.

It is also used as a coloring agent in paints, dyeing the cloth, as an etchant for copper in the fabrication of printed circuit boards. This is utilized to produce sintered components, soft magnetic components, brazing, iron fortification, printing, welding, and brazing, surface coating, friction products chemistry, and polymer filtrations.

Quick Facts

Product	:	Soft Iron Powder
Stock No	:	NS6130-05-537
CAS	:	7439-89-6
Purity	:	99%
APS	:	60-70 μ m

Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
Fe	55.85 g/mol	7.86g/cm ₃	1535°C



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