

IRON195SP is pure, minus 200 mesh powder made of solid smooth particles.
CAS No.: 7439-89-6
EC No.: 231-096-4
INCI Name: IRON POWDER
INCI Statement: Iron powder is the element consisting of powdered metallic iron.

TYPICAL PHYSICAL PROPERTIES

Apparent Density 3.00 g/cm³

TYPICAL SCREEN ANALYSIS

U.S Standard Sieves	Opening Microns	Wt %
+200 m	75	Trace
-200 +325 m	45	3 %
-325 m		97 %

TYPICAL CHEMICAL ANALYSIS

Iron content	99+ %
Carbon	0.00 %
Oxygen	0.05 %
Sulfur	0.006 %
Phosphorus	0.001 %

TYPICAL APPLICATIONS

Food grade and Cosmetic grade: Due to its high purity and free flow properties, IRON195SP is an excellent choice for manufacturers who need a reliable high quality iron powder for iron fortification of dry food products such as cereal, flour and oatmeal. It is also recommended as an additive to plastics and resins that may come in contact with food. Presence of sufficient iron powder in plastic makes it possible to be attracted by magnets or be detected by metal detectors. IRON195SP is not the only choice, but it is the preferred choice for many cosmetic applications. Other applications of IRON195 SP include: Seed cleaning, magnetic fluid, microwave absorbing materials, diamond catalyst, injection molding, coatings, and more.

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