

Silicon Metal Powder

Product Name: Silicon Metal Powder

Grade: #3303、#411、#421、#441、#521、#553

CAS No.: 7440-21-3

Product Standard: YS/T1109-2016

Physical and Chemical Properties: Melting Point: 1410°C

Boiling Point: 2355°C

Relative Density (water=1): 2.30

Appearance: Grey with metallic luster

Technological Index:

Item		Index		
Particle size		0~100mm		
Grade	Content of Si /% ≥	Content of Chemical Composition /% ≤		
		Fe	Al	Ca
3303	99.0	0.30	0.30	0.03
411	99.0	0.40	0.10	0.10
421	99.0	0.40	0.20	0.10
441	99.0	0.40	0.40	0.10
521	98.5	0.50	0.20	0.10
553	98.5	0.50	0.50	0.30

Note: Grade and particle size can be customized.

Properties and Uses

Mainly used for production of organic silicon, silica gel, poly-silicon, high purity semiconductor materials, special purpose alloys, desiccant silica gel, surface coating refractory material, powder metallurgy, construction and so on.

Package, Storage and Handling

Ton bag. Storage at ventilate and dry place and prevention from water, heat and fire; Handling according to hazardous substances and prevention from exposing to sunlight and rain. Be careful when loading and unloading to avoid damages of the package. During transporting, protect against damp, water, acid and alkali.