

Iron sand

Technical Data Sheet

11/2024

Iron sand

Iron sand is a high-hardness metal abrasive composed of iron ore particles, which is relatively affordable. The high density and angular particle shape make it used for pre-treatment of castings, cleaning of severely corroded components, removal of old paint, etc.

It is suitable for use in sandblasting rooms and pressure sandblasting cabinets.

- Good insulation.
- High density provides high pressure performance.
- Irregular particles effectively clean dirt.
- Special iron sand is durable and reusable.
- Wide adaptability, suitable for a variety of materials.
- Meet the different needs of various industrial scenarios.

DESIGNATION AND AVAILABLE SIZES

G80	G66	G55	G47	G39	G34
2.00-2.80mm	1.70-2.40mm	1.40-2.00mm	1.20-1.70mm	1.00-1.40mm	0.85-1.20mm
G24	G17	G12	G07	G05	G02
0.60-1.00mm	0.42-0.85mm	0.30-0.71mm	0.18-0.42mm	0.12-0.30mm	≤0.13mm

CHEMICAL ANALYSIS

Chemical component	Fe	C	Mn	Si	S	P
%	≥93	≤0.50	≤1.20	≤0.20	≤0.25	≤0.05

PHYSICAL PROPERTIES

	Numerical Value
Color:	Black/grey
Particle shape:	Angular
Hardness:	Mohs:6.0
Particle Density:	3.45-3.65 mt/m ³
Bulk density(LPD):	1.6-1.8 mt/m ³

PACKAGING

- 25kg bucket + pallet/bag
- Larger size bags available upon request

MAIN APPLICATIONS

- Clean the scale, rust and residual impurities of castings;
- Steel structure pretreatment to enhance coating adhesion;
- Remove old coatings from ships, bridges and other equipment;
- Magnetic separation for industrial waste and ore processing.



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