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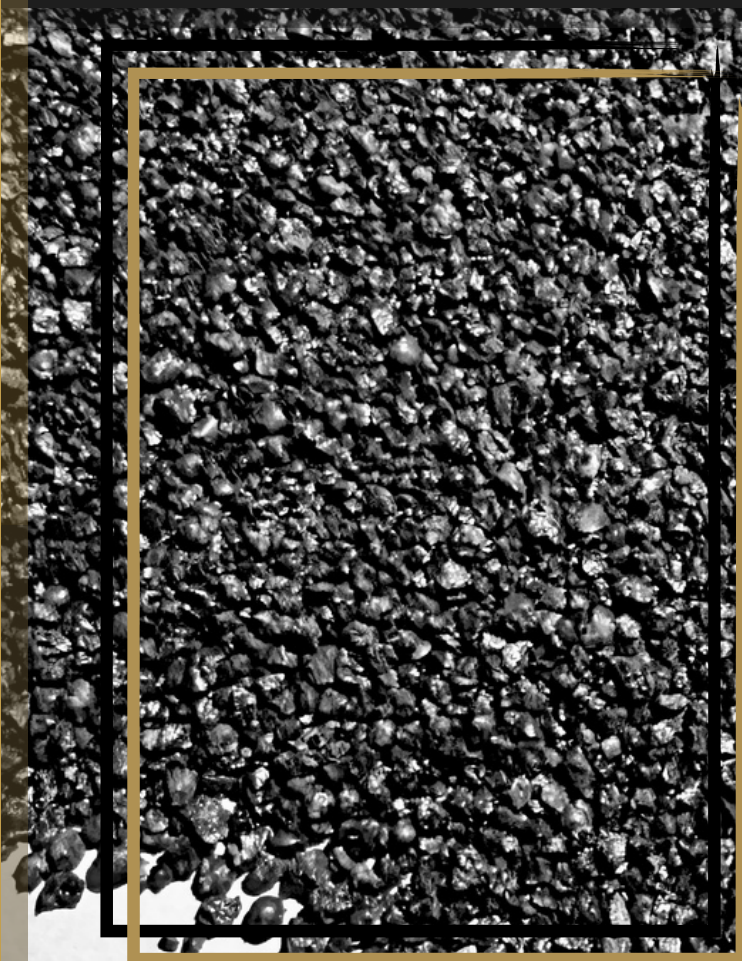
# COPPER SLAG

## PHYSICAL PROPERTIES

### PHYSICAL FORM

### ANGULAR GRANULES

Specific Gravity	3.5 g/ cm <sup>3</sup> Typical
Hardness	6 Moh
Bulk Density	1.5 Tonens /m <sup>3</sup>
Melting Temperature	> 2500°F
Chloride	< 7ppm
Color	Black
Evaporation Rate	N/A
Water Solubility	Negligible
Odor	None
Conductivity at 25°C	2m/S/m
Moisture Content	<0.1%
Size (Min - Max)	1MM TO 1.5MM



We maintain a ready inventory of copper slag, which is best for blast cleaning the surface of components that have deposition of either dust, old paint, dirt, or rust on their surface. It can not only be used to blast clean metal surfaces but also stone and concrete surfaces. We accept customers' operational demands and also provide guidance from experts along with after-sales services. Granulated Sand Blasting copper slag helps in the process of surface cleaning of metal components and other materials, which helps to clean and remove thick and tough dust and rust from the surface. It is commonly used for the restoration of heavily painted steel bridges, ships, and water towers. It is a disposable, high-density blasting slag made from a by-product of copper production.

It distinguishes itself from light-weight blasting slag due to its high density. Its bulk density and angular shape give it an aggressiveness that provides clean, fast-cutting action, considerably increasing production rates. Generally, the majority of its composition is iron oxide and silicon dioxide, formed when molten copper slag is quenched in cold water. This cooling process fractures the slag into coarse and angular particles, making it an ideal blasting slag with optimal sandblasting properties. We have maintained the standard of highest quality in the best possible manner.

### MANUFACTURERS, EXPORTERS AND DISTRIBUTORS OF:




BLAST ROOM ENCLOSURES, AIRLESS AND AIR OPERATED BLASTING MACHINES, INDUSTRIAL DUST COLLECTORS, PAINTING EQUIPMENT AND BOOTHS, COMPLETE RANGE OF BLAST MEDIA, ABRASIVE GRIT, SHOT, SPARES AND CONSUMABLES - AVAILABLE READY STOCK





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## SALIENT FEATURES AND APPLICATIONS:

Abrasive for blast cleaning and finishing. Copper slag abrasive is suitable for: blast cleaning of steel and stone/concrete surfaces; removal of mill scale, rust, old paint, dirt, etc.

## CHEMICAL COMPOSITION

S. NO.	COMPONENT	NORMAL COMPOSITION (WT%) RANGE	WT% RANGE
1	Silicon Dioxide [SiO <sub>2</sub> ]	25-35%	80 mg/m <sup>3</sup> ; %SiO <sub>2</sub>
2	Free Silica	<0.5%	10 mg/m <sup>3</sup> [Respirable Dust]; %SiO <sub>2</sub> +2
3	Cristobalite	ND	30 mg/m <sup>3</sup> [Quartz Total Dust]; %SiO <sub>2</sub> +2
4	Tridymite	ND	80 mg/m <sup>3</sup> [Respirable Dust]; %SiO <sub>2</sub>
5	Aluminum	Oxide [Al <sub>2</sub> O <sub>3</sub> ]	2-9%
6	Calcium Oxide	[CaO]	2-9%
7	Magnesium Oxide	[MgO]	1-5%
8	Iron Oxide	[FeO]	45-55%
9	Potassium Oxide	[K <sub>2</sub> O]	1-5%
10	Titanium Dioxide	[TiO <sub>2</sub> ]	0-2%
12	Copper Oxide	[CuO]	0.7% Max
13	ND		Not Detectable

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