

ALEFMAN COPPER SLAG

FOR SANDBLASTING AND SHOT BLASTING

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GENERAL CHARACTERISTICS

Product Name:	Copper Slag
Color:	Black
Shape:	Angular Particles
Odor:	None
Weight:	1450Kg/M ³
Hardness (Mohs scale):	6.0 – 7.5
Free silica:	< 0.1%
Ph:	6.0 - 7.5
Specific gravity:	3.4 g/cm ³
Conductivity:	2 ms/m
Density:	1.87 Kg/Lt.
Chlorides:	0.01%

ADVANTAGES

- A) Excellent cleaning
- B) Excellent anchoring profile
- C) Excellent economy
- D) Excellent performance per m²
- E) Excellent reduction of dust and loss of visibility
- F) Excellent white metal finishes

PRODUCT PRESENTATION



Bags: 25 Kg or 55 Lb



Big Bag: 1.5 - 2.0 Ton

CHEMICAL CHARACTERISTICS

Chemical Elements		
Sodium	Na	0,70 %
Copper	Cu	0,67 %
Calcium	Ca	17,4 %
Silicon	Si	12,7 %
Chromium	Cr	0,01 %
Manganese	Mn	0,60 %
Phosphorus	P	0,78 %
Iron	Fe	35,5 %
Aluminum	Al	7,12 %
Titanium	Ti	0,38 %
Potassium	K	3,63 %
Sulfur	S	0,22 %
Magnesium	Mg	0,80 %

CLEANING PROCEDURES

Ideal product for NACE 1, NACE 2, NACE 3, NACE 4 and NACE 8, also for SSPC standards such as SP5, SP6, SP7, SP10 and SP14

ABRASIVE MATERIAL SIZE CHART

MESH	Abrasive Size		Millimeters (mm)	Inches (In)	Microns (µm.)
70	10-60 Mesh (Fine)	Mesh 8-40 (Medium)	0.21	0.0083	210
60			0.25	0.0098	250
50			0.297	0.0117	297
40			0.42	0.0165	420
35			0.5	0.0197	500
30	Anchor Profile: 1 to 2.5 mils	Anchor profile: 2.5 to 4.5 mils	0.595	0.0232	595
28			0.7	0.0275	700
20			0.841	0.0331	841
18			1	0.0394	1000
16	Reusability: 2 Times	Anchor Profile: 4 to 6 mils	1.19	0.0469	1190
14			1.41	0.0555	1410
12			1.68	0.0661	1680
10	Reuse: 3 Times	Reusability: 4 times	2	0.0787	2000
8			2.38	0.0937	2380
6			3.3	0.132	3300
5			4	0.157	4000