



Abrasives, Electro Minerals & Metals

TECHNICAL DATA

Brand Name: **MacBlast & Expendable** Mac'Ants Group Ref: **MB & EXP**

Product: Copper Slag Expendable Abrasive

Description: A traditional slag abrasive by product from the copper refining process

Application: A general purpose blast and discard media for cleaning and profiling steel components, trucks, bridges etc. Typically used where the product / component is difficult to move and has to be blasted in situ.

Chemical Composition:

Compound	Chemical Formula	Typical Content %
Iron Oxide	FeO	25 - 55
Silica	SiO ₂	20 - 32
Aluminium Oxide	Al ₂ O ₃	8 - 12
Calcium Oxide	CaO	4 - 15
Copper Oxide	CuO	0 - 1.5
Zinc Oxide	ZnO	0 - 12
Tin Oxide	SnO	0 - 0.8
Nickel Oxide	NiO	0 - 0.6
Lead Oxide	PbO	0 - 0.7
Magnesium Oxide	MgO	0 - 3
Manganese Oxide	MnO	0 - 1
Free Silica		<1

Physical Parameters:

Bulk Density	1.75 g/cc
Shape	Semi Angular
Colour	Black
Specific Gravity	3.70 g/cc
Hardness	7.5 moh

Gradation:

Coarse (A) 2.5-1.5mm, Medium (B/C) 2.0-0.5mm, Fine (D) 1.0-0.2mm

Packaging:

Typically 25 kg plastic sacks loaded 1.5MT per pallet.

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