



Abrasives, Electro Minerals & Metals

TECHNICAL DATA

Brand Name: *MacGrip Pro* Mac'Ants Group Ref: **MGP**

Product: Natural Grey Alumina

Description: A naturally occurring alumina, graded and packed.

Application: A tough and aggressive naturally occurring form of aluminium oxide, often called black sand used for a variety of applications from low alumina refractories to milling stones and coated abrasives together with slip resistant and anti slip coatings and roadways as a traction enhancer.

Chemical Composition:

Compound	Chemical Formula	Typical Content %	CAS No. / EINECS No.
Aluminium Oxide	Al ₂ O ₃	62.30	1344-28-1 / 215-691-6
Iron Oxide	Fe ₂ O ₃	25.60	1309-37-1 / 215-168-2
Silicon Dioxide	SiO ₂	8.40	7631-86-9 / 231-545-4
Calcium Oxide	CaO	1.20	1305-78-8 / 215-138-9
Magnesium Oxide	MgO	0.20	1309-48-4 / 215-171-9

Typical Physical Parameters:

Loss on Ignition	2.20%
Shape	Semi Cubical
Colour	Grey to Black
Specific Gravity	3.80 g/cc
Hardness/ Agg' Crushing Value*	9 moh / 7
Aggregate Abrasion Value*	1.2
Polished Stone Value*	70

Gradation:

FEPA Macro & Micro F Grades and Metric Fractions 10-5mm, 5-3mm, 3-1mm, 1.4-0.9mm etc

Packaging:

Typically 25 kg multi ply paper sacks, but 1000kg big bags are available and custom label on application

Compliance:

This is a naturally occurring ore of alumina and is exempt for registration purposes under REACH regulation.

* Determined according to BS812

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E&OE

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