



Abrasives, Electro Minerals & Metals

TECHNICAL DATA

Brand Name: *Titan Abrasive & Waterjet* Mac'Ants Group Ref: **TI**

Product: Titan Mineral Abrasive

Description: A high density Hemo Ilmenite Mineral

Application: This product is exclusive to Mac'Ants Group in Europe and features a high density grain in sub angular form mined from an extensive alluvial source. It is ideally suited as an aggressive blast and discard alternative to garnet and as a waterjet cutting media. Due to its strength and density this material readily outperforms other expendable products and permits re use where suitable.

Chemical Composition:

Compound	Chemical Formula	Typical Content %
Silicon Dioxide (amorphous)	SiO ₂	4.0%
Aluminium Oxide	Al ₂ O ₃	1.0%
Iron Oxide	FeO	44.0%
Iron III Oxide	Fe ₂ O ₃	26.0%
Titanium Oxide	TiO ₂	25.0%

Physical Parameters:

Bulk Density	2.92 g/cc
Shape	Sub Angular
Colour	Dark Red to Black / Grey
Specific Gravity	4.3 g/cc
Hardness	6.5 moh

Gradation:

Blasting 3060# and 80# and Waterjet 80#

Packaging:

Typically 25 kg paper sacks, or jumbo 1MT big bags.

Page: 1-6-6

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