



Abrasives, Electro Minerals & Metals

TECHNICAL DATA

Brand Name: *Alumac* Refractory White

Mac'Ants Group Ref: **RW**

Product: Refractory White Fused Alumina

Description: White Fused Alumina Graded for Refractory Applications.

Application: Due to the even higher thermal resistance to that of Brown Fused, this White Alumina is equally as popular in high heat resistant applications. Once again used in castables, monolithics etc. graded in all standard refractory metric fractions

Chemical Composition:

Compound	Chemical Formula	Typical Content %
Aluminium Oxide	Al ₂ O ₃	99.6
Silicon Dioxide	SiO ₂	0.06
Iron Oxide	Fe ₂ O ₃	0.02
Sodium Oxide	Na ₂ O	0.2

Physical Parameters:

Bulk Density	1.64 – 1.79 g /cc (subject to grade)
Shape	Semi Angular
Colour	White
Specific Gravity	3.96 g/cc
Hardness	9.5 moh / 2200 knoop Diamond

Gradation:

Refractory Metric Fractions of ; 0-0.5, 0-1, 02-2.0, 0.5-1, 1-3, 2-5, 3-5, 3-6, 5-10, 10-25mm .

Packaging:

Typically 25 kg sacks, but 1000kg big bags are readily available.

Compliance;

This product is REACH compliant, ask Mac'Ants Group for the associated REACH registration details.

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