

WHITE FUSED ALUMINA GRADE A TECHNICAL DATA SHEET



PRODUCT OVERVIEW

A White Fused Alumina is artificial corundum made from calcined alumina, fused @ 2200° C temperature in electric arc furnace. This process improves the material strength, durability & hardness. WFA is 99% pure & 100% non-metallic material.

KEY FEATURES

- ✓ ANGULAR SHAPE WITH SHARP EDGES
- ✓ UNIFORMED SIZE
- ✓ HARDEST & PUREST MATERIAL
- ✓ 100% NON-METALLIC
- ✓ BEST ABRASIVE PROPERTIES
- ✓ HIGHLY DURABLE

INDUSTRIES

- ✓ AEROSPACE
- ✓ RAILWAYS
- ✓ DEFENSE
- ✓ AUTOMOTIVE
- ✓ CONSTRUCTION
- ✓ SHIPBUILDING
- ✓ FOUNDRY & FORGING

CHEMICAL ANALYSIS

AL₂O₃ : ≥ 99.50%
FE₂O₃ : ≤ 0.20%
NA₂O : ≤ 0.10%
SIO₂ : ≤ 0.10%
CAO : ≤ 0.05%
OTHER : ≤ 0.05%

AVAILABLE SIZES

#12, #14, #16, #20, #24, #30,
#36, #40, #46, #54, #60, #80,
#100, #120, #150, #180, #200,
#220, #300, #400

PACKING & FORWARDING



1 MT JUMBO



50 KGS

CUSTOM ON REQUEST

PHYSICAL ANALYSIS

CRYSTAL TYPE : α- ALUMINA
COLOR : PURE WHITE
SHAPE : ANGULAR
NATURE : HARD & TOUGH
HARDNESS : ≥ 9 MOHS
SP. GRAVITY : 3.95-4.10
BULK DENSITY : 1.5-1.9
MELTING POINT : 2000° C

DELIVERABLE STANDARDS

FEP A F	FEP A P
Standard	Standard
EN ISO	DIN
11126-7	ISO 8486-1
DIN 8201-6	MIL A-A-59316
ANSI B74-12	JIS R6001
NF EN 4638	D50TF5
	Class A+D
DMR71-100	NF L 06-829
ABR 9-0160	CSS 12

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