

WHITE (ARTIFICIAL CORUNDUM) FUSED ALUMINA HIGH PURITY REFRACTORY

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 thermal strength & purity.

KEY FEATURES

- ✓ HIGH MELTING POINT
- ✓ UNIFORMED SIZE
- ✓ HIGH PURITY
- ✓ 100% NON-METALLIC
- ✓ BEST THERMAL PROPERTIES
- ✓ LONG LASTING

INDUSTRIES

- ✓ REFRACTORY
- ✓ STEEL INDUSTRIES
- ✓ CERAMIC
- ✓ CHEMICAL
- ✓ FOUNDRY & FORGING

CHEMICAL ANALYSIS

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

AVAILABLE SIZES

1-3 MM, 3-5 MM, 5-8 MM, 0-1 MM, 0.5-1MM, 15-25MM, 4X10, 10X20, 10X40, 20X40, 40X200, TPF II, 200 MF, 325 MF, 5/16" x 4, 3/4" x 5/16"

PACKING & FORWARDING

 1 MT JUMBO  50 KGS

CUSTOM ON REQUEST

PHYSICAL ANALYSIS

CRYSTAL TYPE : α- ALUMINA
COLOR : PURE WHITE
SHAPE : ANGULAR
NATURE : HIGH MELTING
HARDNESS : ≥ 9 MOHS
SP. GRAVITY : 3.95-4.10
BULK DENSITY : 1.5-1.9
MELTING POINT : 2200° C

DELIVERABLE STANDARDS

FEPA F Standard	FEPA P Standard
EN ISO 11126-7	DIN 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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