

BROWN (ARTIFICIAL CORUNDUM) FUSED ALUMINA HIGH PURITY BQ GRADE

TECHNICAL DATA SHEET



PRODUCT OVERVIEW

A BROWN FUSED ALUMINA IS PROCESSED MATERIAL OF CALCINED BAUXITE WHERE IT'S FUSED IN THE ARC FURNACE WITH SILICA, COKE & IRON. BFA BQ IS HIGH PURITY GRADE HAVING HIGH MELTING POINT.

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 : ≥ 95.00%
FE₂O₃ : ≤ 0.20%
TiO₂ : ≤ 3.50%
SiO₂ : ≤ 0.10%
CaO : ≤ 1.00%
OTHER : ≤ 0.70%

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 : DARK BROWN
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

FEP A F Standard	FEP A 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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