

BROWN FUSED ALUMINA GRADE A TECHNICAL DATA SHEET



PRODUCT OVERVIEW

A Brown Fused Alumina is type of synthetic corundum made from bauxite ore, known for its heat resistance & abrasive properties. BFA is hard & tough material with melting point about 2200 °C. It's in angular form with sharp edges, having different sizes as per applications & standards.

KEY FEATURES

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

CHEMICAL ANALYSIS

| | |
|--------------------------------|------------|
| AL ₂ O ₃ | : ≥ 94.00% |
| FE ₂ O ₃ | : ≤ 0.50% |
| TiO ₂ | : ≤ 3.00% |
| SiO ₂ | : ≤ 1.00% |
| CAO | : ≤ 1.00% |
| OTHER | : ≤ 0.1% |

PHYSICAL ANALYSIS

| | |
|---------------|----------------|
| COLOR | : DARK BROWN |
| SHAPE | : ANGULAR |
| NATURE | : HARD & TOUGH |
| HARDNESS | : ≥ 9 MOHS |
| SP. GRAVITY | : 3.85-4.10 |
| BULK DENSITY | : 1.5-2.1 |
| MELTING POINT | : 2200°C |

AVAILABLE SIZES

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

INDUSTRIES

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

PACKING & FORWARDING



1 MT JUMBO



50 KGS

CUSTOM ON REQUEST

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 |

IMPEX INDIA

MFG OF FUSED MINERALS & ABRASIVES

+91-942-797-0286

sales@impexindia.in

www.impexind.com

