



**BALAJI GROUP**

QUALITY WITHOUT COMPROMISE,  
THAT'S OUR PROMISE.



GSTNO:08AAGFS5255H1ZZ

## SHRI BALAJI MINERALS

(Mine Owners, Processors & Exporters of Hematite Powder, Silica Sand, Garnet Sand, Micaceous Iron Oxide Powder etc.)

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### Chemical Specification for White Fused Alumina (WFA)

Purpose	Size		Chemical Composition (%)			
			Al <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>
For Refractory	Fraction Sand	0-1mm	>99.2	<0.4 or <0.3	<0.1	<0.1
		1-3mm				
3-5mm						
5-8mm						
	Fine Powder	200-0 325-0	>99.0			<0.1
For Abrasive		12#- 80#	>99.2	<0.4	<0.1	<0.1
		90#- 150#	>99.0	<0.4		<0.1
		180#- 240#	>99.0	<0.4		<0.1

### Chemical Specification for Brown Fused Alumina (BFA)

Purpose	Size		Chemical Composition (%)			
			Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	TiO <sub>2</sub>
For Abrasive	FEPA Standard	4#-80#	≥95	≤0.3	≤1	≤3.0
		90#-150#	≥94			
		180#-240#	≥93	≤0.3	≤1.5	≤3.5
For Refractory	0-1, 1-3, 3-5, 5-8		≥95	≤0.3	≤1	≤3.0
	200-0, 325-0		≥94.5	≤0.5	≤1.5	≤3.5

**Bulk Density 1.55-1.95 g/cm<sup>3</sup>**

The **achievement** of perfection in quality is our Goal; but excellence is **guarantee..**