

United Mineral Distribution

Product Specification

Product	Fused Alumina/Bubble Alumina/Tabular Alumina/Reactive Alumina					
Property	Unit	WFA	BA	BFA	TA	RA
		Guarantee Value (%)	Guarantee Value (%)	Guarantee Value (%)	Guarantee Value (%)	Guarantee Value
Al ₂ O ₃	Min%	99.40	99.00	95.00	99.40	99.60
Fe ₂ O ₃	Max%	0.03	0.10	0.50	0.10	0.11
SiO ₂		0.04	0.30	1.50	0.20	0.08
TiO ₂		0.05	0.05	3.00		0.04
Na ₂ O		0.40	0.40	0.10	0.40	0.50
CaO+MgO						0.15
Magnetic				0.50	0.10	0.02

Property	Unit	WFA	Bubble Alumina	BFA	TA	Alpha Al ₂ O ₃ : 95.00% MIN
Bulk Density (BD)	Min	3.45 g/cm ₃	P.D 0-1=0.85-0.95	3.8 g/cm ₃	3.5 g/cm ₃	
Apparent Porosity (AP)	%	7%	P.D 1-2=0.75-0.85	1%	5%	
Linear Expansion		8.3 (1600°C)	P.D 2-3=0.65-0.75	7-9 (1600°C)	N/A	
Hardness		9	P.D 3-5=0.6-0.7	9	N/A	
Softening Point	°C	1900°C	1900°C	1800°C	N/A	
Melting Point	°C	2050°C	2100°C	1950°C	N/A	

Available Sizes	ISO: 0-1mm, 1-3mm, 3-5mm, 5-8mm or size as request Fines: 100 mesh, 200 mesh, 230 mesh, 325 mesh Bubble Alumina: Sieved as 0-5mm, 0-0.2mm, 0.2-1mm, 1-3mm, 3-5mm
Pack Size :	25 kg bag, 1.25 mt Bulk bag, 25 kg bag in Bulk Bag