



Bauxite - 65%

Bauxite ore is the world's primary source of aluminum and is primarily comprised of aluminum oxide compounds (alumina), silica, iron oxides and titanium dioxide. The ore must first be chemically processed to produce alumina (aluminum oxide). Alumina is then smelted using an electrolysis process to produce pure aluminum metal. Table below shows Calcined Bauxite datasheet.

Product & Properties	Unit	BUX- 65 Typ./Range
Chemical Analysis		
Al ₂ O ₃	%	65 / 63
SiO ₂	%	18 / Max 20
TiO ₂	%	10 / Max 13
Fe ₂ O ₃	%	1.6 / Max 2
L.O.I	%	0.5 / Max 1.5
MgO	%	0.5 / Max 1
K ₂ O	%	0.5 / Max 0.7
Na ₂ O _{total}	%	0.1 / Max 0.5
CaO	%	0.6 / Max 1.1

Available size: 0-1 mm / 1-3 mm / 3-5 mm / 5-30 mm / 0-30 mm

Packing: 1 Metric TON Big bag

The technical data represent the average of the current production. During the test has to be considered a fluctuation of these Values $\pm 10\%$