

Raw Materials for Refractory Industries

Code	Bauxite-50	Bauxite-55	Bauxite-60
	Refractory Grade Bauxite		
	Chemical Analysis		
SiO ₂	30 ± 1.5	23 ± 1.5	18 ± 2
Al ₂ O ₃	50 ± 1.5	55 ± 1.5	60 ± 2
Fe ₂ O ₃	< 2	< 2	< 2
TiO ₂	5.5 ± 0.5	5.5 ± 0.5	5.5 ± 0.5
CaO	< 0.5	< 0.5	< 0.5
MgO	< 0.5	< 0.5	---
K ₂ O+Na ₂ O	< 1	< 1	< 1
SO ₃			
L.O.I	12 -13	12 -13	12 -13
Type	Refractory grade Bauxite		
Mineralogy	Diaspore, Bohemite, Kaolinite, Quartz, Rutile		
Refractoriness P.C.E	+34	+34	+34
Application	Refractory bricks		
Mine Location	Tabas, Robot khan		
Sizing	0-250 mm		
* Samples are tested under company laboratory condition			

