

Chamotte and Calcined Bauxite

شاموت و بوکسیت کلسینه

Chemical Analysis					
Code	CT- 44	CT - 50	CT - 55	CT - 60	CT - 65
Type	Calcined Fire Clay and Bauxite				
SiO ₂	44 - 48	34 - 38	33 - 37	28 - 32	23 - 27
AL ₂ O ₃	42 - 46	48 - 52	53 - 57	58 - 62	63 - 67
Fe ₂ O ₃	2.4 - 2.8	2.3 - 2.7	2.3 - 2.7	2.3 - 2.7	2.3 - 2.7
TiO ₂	4.5 - 5.5	5.5 - 6.5	5.5 - 6.5	6 - 7	6 - 7
CaO	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
MgO	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
K ₂ O+ Na ₂ O	≤ 1.2	≤ 1.2	≤ 1.5	≤ 1.5	≤ 1.2
L.O.I	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Application	Refractory Products				
Available Size	0 - 50 / 3 - 5 / 1 - 3 / 0 - 1 / 0 - 0.1 (mm)				
Packing	Bulk- Big Bag				
Delivery Place	Natanz				

Updated: 12/25/2024

Semirom Chamotte

شاموت سمیرم

Chemical Analysis	
Code	CS - 10
Type	Calcined Fire Clay
SiO ₂	50 - 52
AL ₂ O ₃	43 - 44
Fe ₂ O ₃	< 2.1
TiO ₂	< 2
CaO	< 0.5
MgO	< 0.5
K ₂ O+ Na ₂ O	< 0.5
L.O.I	< 0.15
Bulk Density (gr/cm ³)	2.70- 2.76
Water Absorption (%)	< 2
Application	Refractory Products
Available Size	0 - 12 (mm) 3 - 5 / 1 - 3 / 0 - 1 / 0 - 0.1 (mm)
Delivery Place	Natanz
Packing	Bulk- Big Bag

Updated: 12/25/2024