



شرکت معدنی و صنعتی سوراوجین عقیق
Suravajn Aghigh Mining & Industrial Co

Calcined Fire Clays

CODE	CS-10	CS-20
Chemical Analysis		
SiO ₂	51 - 53	50 - 52
Al ₂ O ₃	41 - 43	42 - 44
Fe ₂ O ₃	1.9 - 2.2	0.9 - 1.1
TiO ₂	1.9 - 2.1	< 2
CaO	< 0.5	< 0.5
MgO	< 0.6	< 0.6
K ₂ O+Na ₂ O	< 1	< 1
L.O.I	< 0.2	< 0.2
Bulk density (gr/cm ³)	2.6 - 2.7	2.65 - 2.75
Water absorption(%)	1 - 1.5	1 - 1.5
Application	Refractory products	
Available Size	0 – 12 (mm)	0 – 30 (mm)
	3 – 5 / 1 – 3 / 0 – 1 / 0 - 0.1 (mm)	
Delivery Place	Tehran	
www.iranclay.ir Packing	Bulk- big bag	

Updated: 2021.01.20

دارنده گواهی نامه : ISO/IEC 17025: 2017



شرکت معدنی و صنعتی سوراوجین عقیق
Suravaj Aghigh Mining & Industrial Co

Calcined Fire Clay and Bauxite

CODE	Super CT - 42	CT - 44	CT - 50	CT-55	CT-60	CT- 65
Chemical Analysis						
SiO ₂	48 - 52	44 - 48	34 - 38	33 - 37	28 - 32	23 - 27
Al ₂ O ₃	40 - 44	42 - 46	48 - 52	53 - 57	58 - 62	63 - 67
Fe ₂ O ₃	1.1 - 1.3	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	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	< 0.6
MgO	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
K ₂ O+Na ₂ O	≤ 1.2	≤ 1.2	≤ 1.2	≤ 1.5	≤ 1.5	≤ 1.2
L.O.I	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bulk density (gr/cm ³)	2.6 - 2.7	2.6 - 2.7	2.6 - 2.7	2.6 - 2.7	2.65 - 2.75	2.7 - 2.8
Water Absorption%	1 - 2	1 - 2	1 - 2	2 - 2.5	2 - 2.5	2 - 2.5
Application	Refractory products					
Available Size	0 - 50 / 3 - 5 / 1 - 3 / 0 - 1 / 0 - 0.1 (mm)					
Delivery Place	Tehran					
Packing	Bulk- big bag					

Updated : 2021.01.20

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