



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

Raw Materials (for Façade Bricks)

Code	ASI-10	ASI -20	ASF -10	ASB -10	ARK - 20	ARB -10	ARB - 30	ARB - 70	ARB - 100	ARF - 37
Type	Clay	Clay	Feldspar	Bentonite	Ball clay	Ball clay	Ball clay	Ball clay	Ball clay	Fire clay
Chemical Analysis										
SiO ₂	68±1	67±2	69±1	66.5-67.5	62.64	46 ±1	38±1	54-55	42	39±1
Al ₂ O ₃	12.5±1	13±0.5	16±1	12-13	19-21	27±1	26±1	>24	33±1	37-39
Fe ₂ O ₃	1.9-2	<2.2	0.9 -1	1-1.3	2-3	<1.5	1.5	<2	<2	4-6
TiO ₂	0.3	0.4	<0.5	<0.2	1-2	<1.5	1	1.5	1.5	5-5.5
CaO	2.8-3	3	<1	5.5-6.5	<1	<0.5	0.5	0-4	<0.4	<0.5
MgO	0.9-1.1	0.8	2±0.5	1.5		--	--	--	--	<0.5
K ₂ O	3-3.4	3.2-3.8	2-2.5	2-2.5	<3	<2	2.5	2	<1	<1.5
Na ₂ O	1-3.4	1-1.3	4.5-5	0.7	<1					
L.O.I	5-6	6±0.5	2-3	8-9	6.5-7	18-20	<30	14-15	16	9 -11
Mine Location	Qazvin	Qazvin	Qazvin	Qazvin	Tabas	Tabas	Tabas	Tabas	Tabas	Tabas
Sizing	0-25 cm 0-15 mm	0-25 cm 0-15 mm	<5 mm	0-25 cm	0-25 cm 0-30 mm Powder	0-30 mm Powder	0-30 mm Powder	0-30 mm Powder	0-30 mm Powder	0-25 cm 0-30 mm

* Samples are tested under company laboratory condition

دارنده گواهی نامه : ISO/IEC 17025: 2017

Updated: 2021.01.20