



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

Raw Materials for Refractories

Chemical Analysis

CODE	ARB-10	ARB-30	ARB-70	ARB-80	ARB-100
Type	Ball Clay				
SiO ₂	46 - 49	36 - 38	54 - 57	52 - 56	46 - 48
Al ₂ O ₃	28 - 30	26 - 28	23 - 25	26 - 28	31 - 33
Fe ₂ O ₃	< 2	1.4 – 1.8	< 2	< 2	1.5 – 2.2
TiO ₂	1 – 2.5	1 – 1.5	1 - 2	1-2	1-2
Na ₂ O + K ₂ O	< 1	< 2	1 - 2	1 - 2	< 1
CaO	< 0.2	< 0.3	< 0.2	< 0.3	< 0.2
L.O.I	17 - 19	30 - 32	14 - 16	12 - 14	15 - 17
Plasticity	28 - 31	31 - 33	31 - 33	32 - 35	32 - 34
Application	Refractory Binder, Facade Bricks	Insulation Refractory Binder	Refractory Binder		
Sizing	< 40 mm < 10 mm < mesh 140	<250 mm < 40 mm < mesh 140	< 40 mm < mesh 140		< 40 mm < 10 mm < mesh 140
Packing	Big bag, Bulk				
Delivery Place	Tabas – Robot-e Khan				

Updated : 2021.01.20

*Samples are tested under company laboratory condition. Values are liable to natural deviations and are not to be cited as guaranteed properties or guaranteed values.

دارنده گواهی نامه : ISO/IEC 17025: 2017