

## Raw Materials for Refractory Industries

Code	ARB-10	ARB-30	ARB-70	ARB-80	ARB-100
	Plastic Refractory Clays				
	Chemical Analysis				
SiO <sub>2</sub>	46 ± 1	38 ± 1	54-55	51 ± 1	42
Al <sub>2</sub> O <sub>3</sub>	27 ± 1	26 ± 1	>24	28 ± 1	33 ± 1
Fe <sub>2</sub> O <sub>3</sub>	< 1.5	1.5	<2	< 2	< 2
TiO <sub>2</sub>	< 1.5	1	1.5	1.5	1.5
CaO	< 0.5	0.5	0.4	< 0.4	< 0.4
MgO	---	---	---	---	---
K <sub>2</sub> O+Na <sub>2</sub> O	< 2	2.5	2	< 2	< 1
SO <sub>3</sub>	---	---	---	---	---
L.O.I	18 -20	< 30	14-15	13 ± 1	16
Type	Refractory plastic clay				
Mineralogy	Quartz, Kaolinite				
Refractoriness P.C.E	+28	---	+29	30	+31
Application	Refractory Industries	Insulate refractory bricks	Refractory Binder	Refractory Binder	Refractory Binder
Mine Location	Tabas/Robatkhan				
Sizing	0-250 / 0-30 / 0-10 mm / Powder <140, <200 mesh				
<b>* Refractory plastic clays are available in 0-30/0-10 mm / micronized powder &lt;200 mesh</b>					



**Suravajin Aghigh Mining & Industrial CO**

Office: 3rd floor, No.82, Ebnesina, Yousef Abad, Tehran 1433863595 – Iran - Telefax: +98(21) 88105230-8107252

info@iranclay.ir www.iranclay.ir