

Ball Clays (refractory plastic clays)

خاک نسوز چسبنده

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	31 - 28	33 - 31	33 - 31	35 - 32	34 - 32
Refractoriness (P.C.E)	+ 28	---	+ 28	+ 29	+ 31
Application	Refractory Binder , Facade Bricks	Insulation Re-fractory 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 – Robate Khan				

*Samples are tested under company laboratory condition.