

Raw Materials for Refractory Industries

Code	AR F- 45	ARF - 40
	Fire Clay	
	Chemical Analysis	
SiO ₂	33.5 ± 1	38.5 ± 1
Al ₂ O ₃	45 ± 1.5	40 ± 1.5
Fe ₂ O ₃	< 2.2	< 2.5
TiO ₂	5 - 5.5	5 - 5.5
CaO	< 0.5	< 0.5
MgO	< 0.5	< 0.5
K ₂ O+Na ₂ O	< 1	< 1
SO ₃	---	---
L.O.I	12 - 13	12 - 13
Type	Refractory hard clay	
Refractoriness P.C.E	+32	+32
Application	Chamotte	Chamotte
Mine location	Tabas/Robatkhan	
Sizing	0-25 cm / 0-30 mm	
* Samples are tested under company laboratory condition		

