

Iron oxide

ترکیب	درصد وزنی	ترکیب	درصد وزنی	ترکیب	درصد وزنی	ترکیب	درصد وزنی
Na ₂ O	0.05	MgO	0.3	Al ₂ O ₃	0.4	P ₂ O ₅	0.04
Cl	0.16	CaO	0.01	TiO ₂	N.D	MinO	0.18
SO ₃	N.D	Fe ₂ O ₃	98.7	L.O.I	0.5	La&Lu	<1

Sieve Analysis					
According to : ASTM C 136(2014)					
Partical size gradin of sample was done by sieves that satisfy the requirements of ASTM E11,the result is as following :					
Sieve NO.	Mesh opening	Percent of remained sample (%)	Sieve NO.	Mesh opening	Percent of re mained sample (%)
7	2810	0.00	50	300	0.96
8	2360	0.15	60	250	0.55
10	2000	0.14	70	212	2.56
12	1700	0.10	100	150	13.12
14	1400	0.12	120	125	22.04
18	1000	0.31	170	90	35.83
20	850	0.34	200	75	11.16
25	710	0.49	230	63	7.67
30	600	0.40	270	53	1.39
35	500	0.74	325	45	0.42
40	420	0.90	pan	--	0.11
45	355	0.50	Total	--	100.00