

آنالیز انواع خاک دیاتومیت ارمنی (قرل قور)

Technical specification

For Diatomaceous Earth (kieselguhr)

ISO 9001-2000 (81873231054)

No	Description of properties	Masis A	Masis B	Masis C
1	Appearance, Smell	Light and fine powder, without smell and taste	Light and fine powder, without smell and taste	Light and fine powder, without smell and taste
2	Color	White	Pink	Pink
3	Moisture, %, no more	0.5	0.5	0.5
4	volume bulk weight (g/l), no more	165	150	111
5	density EBC (g/l), no more	350	345	364
6	real density (g/cm ³)	2,39	2.29	2.19
7	permeability (Darcy)	1,250	0.225	0.078
8	Specific resistance (kilo ohm)	>15	>40	>40
9	Coefficient of reflection of blue light, %	≥75	<60	<55
10	Porosity, %	≥90	≥92	≥93
11	Middle size of particles,(micron)	26	15	13
12	The rest on the sieve(>160 micron), %	1.06	0.01	-
13	The rest on the sieve(>50 micron), %	14.38	0,59	0.05
14	Losses on incineration, %, no more	0.1	0.1	0.1
15	Water soluble substance, %, no more	0.15	0.10	0.20
16	Quantity of substances dissolved in acid, %, no more	0.3	0.5	0.3
17	Fe(dissolved in food liquid)(mg/Kg) Ca(dissolved in food liquid) (mg/Kg)	<100 <500	<100 <500	<100 <500
18	pH(10% slurry)	9.5	7.7	7.5
19	Chemical analysis, %			
	SiO ₂	90.0	92.0	92.0
	Al ₂ O ₃	2.5	2.5	2.5
	Fe ₂ O ₃	1.72	1.45	1.45
	CaO	1.36	1.52	1.52
	Na ₂ O	3.0	0.25	0.2
	MgO	0.33	0.30	0.30
	K ₂ O	0.41	0.45	0.45