

SPECIFICATION FOR DIATOMACEOUS EARTH KIESELGUHR (DIATOMEEN)

S.#	PARAMETERS	RESULTS
1	Color	White
2	Smell	Without
3	Taste	Neutral
4	Wet Density	0.29 – 0.340
5	Permeability (Darcy)	8.00 – 11.00
6	Humidity	Max. 0.5 %
7	Loss on Ignition	Max. 1 %
8	Gravity Share	Max. 50 %
9	PH- Index of suspension	(9-10) of 10%
10	Rate of Flow (cm ³)	i. in 01 min (610-760) ii. in 03 min (1120-1350)
	Chemical Analysis (Nominal percentage)	According to test method: ASTM C 575-81
	SiO ₂	90.3%
	Fe ₂ O ₃	1.4%
11	Al ₂ O ₃	1.68%
	CaO	0.28%
	MgO	0.33%
	Distribution	
	>50 micron	64.50
	50-30	11.00
12	30-20	8.00
	20-10	11.00
	10-5	3.00
	<5	2.5

Note:

- Diatomaceous Earth Kieselguhr is used for filtration of Somentor oil N-60 / Q8 Bach RFX-8 oil used in 4 Hi Cold Rolling Mill.
 - Diatomaceous Earth Kieselguhr is used in combination with High Active Bleaching Earth Tonsil Optimum 312 FF in ratio 1:7 (1 part High Active Bleaching Earth Tonsil Optimum 312 FF / 7 part Diatomaceous Earth Kieselguhr).
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