

TYPICAL PHYSICAL PROPERTIES

Type Flux-Calcined Filter Aid Origin Plankton Marine Diatomite Appearance Powder Color white Bulk Density (by centrifugation) 0.38 – 0.45 g/cm³ Permeability EBC 2 –3 Darcy Moisture (% by weight as shipped) 0.1 PH 7 – 10 D50 38.5 µm

TYPICAL CHEMICAL ANALYSIS (% by weight)

Loss On Ignition ≤ 0.02

 $SiO2 \geq 88.5$

 $Al2O3 \leq 4$

Fe2O3 ≤ 1.37

 $P2O3 \leq 0.21$

 $TiO2 \leq 0.22$

CaO ≤ 0.53

MgO ≤ 0.61

Na2O+ K2O \leq 3.3

PARTICLE DISTRIBUTION (V %)

>40µ 31.6

 $40 - 30 \mu 36.1$

30 – 20 µ 17.3

 $20-10\;\mu\;11.5$

10 – 5 µ 3.4

< 5 μ 0.1

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