

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 ≥ 88.5

Al₂O₃ ≤ 4

Fe₂O₃ ≤ 1.37

P₂O₃ ≤ 0.21

TiO₂ ≤ 0.22

CaO ≤ 0.53

MgO ≤ 0.61

Na₂O+ K₂O ≤ 3.3

PARTICLE DISTRIBUTION (V %)

>40μ 31.6

40 – 30 μ 36.1

30 – 20 μ 17.3

20 – 10 μ 11.5

10 – 5 μ 3.4

< 5 μ 0.1