



Dutch Filtration offers Flux Calcined Diatomaceous Earth, this is the highest quality DE offering higher flow rates. Diatomaceous earth is a great filtration media and filter aid because diatoms have a honeycomb-like structure and the pores between and within the cell walls are very small. So it's easy to trap suspended solids from liquids such as, clay particles, bacteria and viruses. Diatomaceous earth can be used as a filter cake in the filter press or Vertical Pressure Leaf.

FEATURES

- High porosity.
- High surface area
- Very low density.
- Insulating properties.
- Chemically inert.
- Rough surface.
- Natural silica content
- Absorptive capacity

APPLICATIONS

- Completion Fluids
- Produced water treatment
- Waste water
- Workover fluids
- Gravel pack fluids
- Slop water
- Amines & glycols
- Beverage & Food
- Chemicals
- Acids

Contact

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SPECIFICATIONS DIATOMACEOUS EARTH

Design Specifications	
Permeability	3.5 - 5.5 Darcy
Cake Density	<= 0.41 g/cm ³
Retained on 80 μM	<= 30%
pH	10
Loss of Ignition	<= 0.5%
Moisture	<= 0.5%
Specific Gravity	2.200 - 2.300 kg/m ³
Physical State	Powder
Melting Point	> 1000 °C

Chemical Analysis	
SiO ₂	87.30%
Al ₂ O ₃	3.11%
Fe ₂ O ₃	2.23%
TiO ₂	0.49%
CaO	0.60%
MgO	0.35%
K ₂ O	0.28%
Na ₂ O	5.04%
P ₂ O ₅	0.84%
SO ₃	0.24%

Particle Distribution (% Volume)	
> 1μ	99%
> 5μ	96.1%
>10μ	92.8%
>20μ	83.3%
>35μ	68.9%
>50μ	55.8%
>75μ	37.9%
>100μ	25.2%
>200μ	5.7%
>350μ	1.3%
>500μ	0.3%

ORDERING CODE MAXFLUX

Type	Packaging Kg
DFDE	25
Example: DFDE-25 is purified diatomite in bags of 25 kg, packaging 39 bags per pallet	

OPTIONAL

- Pallet quantities
- Grades

