

Celite® 503

TECHNICAL DATA

PRODUCT

Type	Filter Aid
Description	Flux Calcined Diatomite

TYPICAL PHYSICAL PROPERTIES

Color	White to Off white
Appearance	Fine Powder
Density Wet, lbs/ft ³ (g/cc)	19.5 (0.31)
Permeability (Darcy)	1.90
150 Mesh Screen Analysis, % retain	9.0
Median Particle Size, microns	33.9
pH, 10% in water	10.0
Specific Gravity	2.3
Moisture, as shipped (%)	< 1.0

TYPICAL CHEMICAL ANALYSIS (%)

Loss on Ignition (1000°C)	0.2
SiO ₂	89.6
Al ₂ O ₃	4.0
Fe ₂ O ₃	1.3
P ₂ O ₅	0.2
CaO	0.5
MgO	0.6
Na ₂ O + K ₂ O	3.3