



## World Minerals

### Celite<sup>®</sup> FILTERCEL E CALCINED DIATOMACEOUS EARTH FILTER AID

*A very fine filter aid for the highest brilliance of filtrate (beverage, chemical and pharmaceutical applications)*

#### TYPICAL PHYSICAL PROPERTIES

Colour	Pink
Loose Weight (g/l)	165
Wet Density (g/l)	333
Density EBC (g/l)	385
Permeability EBC (Da)	0.06
pH (10% slurry)	6.5
Resistivity (Kilohms)	30
Blue Light Reflectance	51

#### TYPICAL CHEMICAL ANALYSIS (% by weight unless otherwise stated)

Loss on Ignition	0.3
Beer Soluble Iron (ppm)	70
Beer Soluble Calcium (ppm)	200
Acid Solubles	0.3
SiO <sub>2</sub>	92.80
Al <sub>2</sub> O <sub>3</sub>	3.19
Fe <sub>2</sub> O <sub>3</sub>	1.73
TiO <sub>2</sub>	0.51
CaO	0.47
MgO	0.27
Na <sub>2</sub> O	0.22
K <sub>2</sub> O	0.14

#### TYPICAL PARTICLE SIZE

Retained on 30 Mesh, 600 μm (% by weight)	Trace
Retained on 150 Mesh, 106 μm (% by weight)	4.0
Retained on 325 Mesh, 45 μm (% by weight)	10.5
Diameter at which 10 % is less (By Microtarc) μm	5.3
Diameter at which 50 % is less (By Microtarc) μm	18.1
Diameter at which 90 % is less (By Microtarc) μm	48.9