



**Product Name:** Filter Aid Perlite

**Product Code:** 1800

### Physical properties

<b>Color</b>	White
<b>Lose weight Density</b>	110 – 125 kg / m <sup>3</sup>
<b>Filter Cake Density</b>	230 – 250 kg / m <sup>3</sup>
<b>Relative Flow rate *</b>	400
<b>Permeability **</b>	0.56 Approx. Darces ***
<b>PH ( in water )</b>	6.5 – 7.5
<b>Moisture</b>	≤ 0.5 %
<b>Retention U.S sieve No 140 ( 106 micron )</b>	5% - 7%

#### \*Uses :-

Antibiotics , phosphoric acid , sodium chloride, Corn syrup, vinegar, wastewater and many other uses .

#### \*Packing :-

- 15 kg Plastic Bag .

\* The relative flow rate is a ratio of the cake thickness and time taken for a constant volume of water to pass through a constant mass of filter aid.

\*\* The permeability cake is the ratio between the mass and the wet volume of the filter cake. A rule of thumb for Perlite filter aids says that a higher cake density usually results from smaller particle size filter aid. To reduce the cake density the particle size of the filter aid must be increased.

\*\*\* A material having a permeability of 1 Darcy unit passes 1 ml per second per cm<sup>2</sup> of a liquid of 1 centipoise viscosity through a cake of 1 cm thickness at a pressure differential of 1 atmosphere.