

## Filtralite® Air 4-10



### PRODUCT DESCRIPTION

Filtralite® Air 4-10 is a high quality filter media, manufactured from expanded clay material, used for bio-filtration and purification of gas and odour.

#### ADVANTAGES

Filtralite® media, with its highly porous structure, enables large microbial growth surface for biological filtration. Good storage capacity for biofilm and excellent permeability results in low pressure loss and long service time which means reduced operational costs. The porous structure absorbs and holds water like a reservoir which eases water trickling. Filtralite Air Filter Material has sorption capacity towards H<sub>2</sub>S and other odours so the filter will start removing odour even before the biofilm is established.

### PRODUCT SPECIFICATION

<b>Commercial name</b>	FILTRALITE® AIR 4-10
<b>Density</b>	Bulk density, loose : 290 kg/m <sup>3</sup> Particle density: 550 kg/m <sup>3</sup>
<b>External volumetric air content</b>	43 %
<b>Type of material</b>	Expanded clay
<b>Appearance</b>	Round particles, smooth surface with micro pores
<b>Manufactured by</b>	Leca Rælingen (Saint-Gobain Group), Norway
<b>Version</b>	1

Size and weight	Value	Deviation	Comments
<b>Particle size range</b>	4-10 mm	< 4 mm max. 15 % > 10 mm max. 15 %	EN 933-1
<b>Bulk density, dry, loose</b>	290 kg/m <sup>3</sup>	± 75 kg/m <sup>3</sup>	EN 1097-3
<b>Particle density, apparent</b>	550 kg/m <sup>3</sup>	± 150 kg/m <sup>3</sup>	EN 1097-6, Annex E
<b>Voids</b>	43 %	> 30 %, < 55 %	EN 1097-3

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Chemical composition, approximate values					
SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	CaO	Na <sub>2</sub> O
63 %	17 %	7 %	4 %	2 %	2 %

## DISCLAIMER

*The information provided in this data sheet is based on our current knowledge and experience. All the above information must be considered as guidelines. It is the user's responsibility to ensure that the product is suitable for the intended use and perform self-monitoring. The user is responsible if the product is used for purposes other than those recommended, or improper execution. We are available for consultation in the use of our products.*

**FILTRALITE®** A Saint-Gobain brand

Leca Norge AS - Reg. of ent. NO 918 799141 MVA/VAT  
 Årnesvegen 1 • N-2009 Nordby • Norway  
 Telephone: +47 41 43 71 00