

Filtralite® Air 2-4



PRODUCT DESCRIPTION

Filtralite® Air 2-4 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 H₂S and other odours so the filter will start removing odour even before the biofilm is established.

PRODUCT SPECIFICATION

Commercial name	FILTRALITE® AIR 2-4
Density	Bulk density, loose : 360 kg/m ³ Particle density: 650 kg/m ³
External volumetric air content	43 %
Type of material	Expanded clay
Appearance	Round particles, smooth surface with micro pores
Manufactured by	Leca Rælingen (Saint-Gobain Group), Norway
Version	1

Size and weight	Value	Deviation	Comments
Particle size range	1-5 mm	< 1 mm max. 15 % > 5 mm max. 15 %	EN 933-1
Bulk density, dry, loose	360 kg/m ³	± 75 kg/m ³	EN 1097-3
Particle density, apparent	650 kg/m ³	± 150 kg/m ³	EN 1097-6, Annex E
Voids	43 %	> 30 %, < 55 %	EN 1097-3

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Chemical composition, approximate values					
SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	K ₂ O	CaO	Na ₂ 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.

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