

## Filtralite® Pure HC 0,5-1



### PRODUCT DESCRIPTION

Filtralite® Pure HC 0,5-1 is high quality filter media, manufactured from expanded clay material, used for filtration in drinking water treatment.

#### ADVANTAGES

Filtralite® media, with its highly porous structure, enables improved filter efficiency by longer filter runs between backwashes, which means reduced energy and water consumption and higher water production, consequently giving reduced operating costs.

#### EXPLANATIONS

N = Normal density, M = Medium density, H = High density, C = Crushed, R = Round

### PRODUCT SPECIFICATION

<b>Commercial name</b>	FILTRALITE® HC 0,5-1
<b>Density</b>	Bulk density, compressed: 850 kg/m <sup>3</sup> Particle density : 1800 kg/m <sup>3</sup>
<b>Type of material</b>	Expanded clay
<b>Appearance</b>	Crushed particles, porous surface structure
<b>Manufactured by</b>	Leca Røelingen (Saint-Gobain Group), Norway
<b>Version</b>	2

Size and weight	Value	Deviation	Comments
<b>Particle size range</b>	0,4-1 mm	< 0,4 mm max. 5 % > 1 mm max. 5 %	EN 12905
<b>Bulk density, dry, compressed</b>	850 kg/m <sup>3</sup>	± 125 kg/m <sup>3</sup>	EN 1097-3, 10 strokes
<b>Particle density, apparent</b>	1800 kg/m <sup>3</sup>	± 150 kg/m <sup>3</sup>	EN 1097-6, Annex E

Other properties	Value	Comments
<b>Voids</b>	~55 %	EN 1097-3, approximate value
<b>Acid solubility</b>	< 7 %	EN 12902

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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

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