

## Filtralite® Pure HC 2,5-5



### PRODUCT DESCRIPTION

Filtralite® Pure HC 2,5-5 is high quality filter media, manufactured from expanded clay material, used for biological treatment in drinking water plants and pre-treatment for desalination.

#### ADVANTAGES

Filtralite® media, with its highly porous structure, enables large microbial growth surface for biological filtration and reduced operational costs.

#### EXPLANATIONS

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

### PRODUCT SPECIFICATION

<b>Commercial name</b>	FILTRALITE® HC 2,5-5
<b>Density</b>	Bulk density, compressed : 840 kg/m <sup>3</sup> Particle density : 1 550 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 Rælingen (Saint-Gobain Group), Norway
<b>Version</b>	8

Size and weight	Value	Deviation	Comments
<b>Particle size range</b>	2-5 mm	< 2 mm max. 5 % +Δ < 0,125 mm > 5 mm max. 5 %	EN 12905
<b>Bulk density, dry, compressed</b>	840 kg/m <sup>3</sup>	± 75 kg/m <sup>3</sup>	EN 1097-3, 10 strokes
<b>Particle density, apparent</b>	1 550 kg/m <sup>3</sup>	± 150 kg/m <sup>3</sup>	EN 1097-6, Annex E

Other properties	Value	Comments
<b>Voids</b>	~52 %	EN 1097-3, approximate value
<b>Acid solubility</b>	< 5 %	EN 12902
<b>Friability</b>	< 5 %	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

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