

Filtralite® Pure Mono-Multi Fine

PRODUCT DESCRIPTION

Filtralite® Pure Mono-Multi Fine combines two types of Filtralite Pure filter media with different densities and sizes (Filtralite® Pure HC 0,5-1 and Filtralite® Pure NC 0,8-1,6) to improve even more filter runs and production capacity 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

Commercial name	FILTRALITE® HC 0,5-1	FILTRALITE® NC 0,8-1,6
Density	Bulk density, compressed : 850 kg/m ³ Particle density : 1800 kg/m ³	Bulk density, compressed: 515 kg/m ³ Particle density: 1250 kg/m ³
Type of material	Expanded clay	
Appearance	Crushed particles, porous surface structure	
Manufactured by	Leca Rælingen (Saint-Gobain Group), Norway	
Version	2	8

FILTRALITE® HC 0,5-1

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

FILTRALITE® NC 0,8-1,6

Size and weight	Value	Deviation	Comments
Particle size range	0,8-1,6 mm	< 0,8 mm max. 5 % > 1,6 mm max. 5 %	EN 12905
Bulk density, dry, compressed	515 kg/m ³	± 75 kg/m ³	EN 1097-3, 10 strokes
Particle density, apparent	1250 kg/m ³	± 150 kg/m ³	EN 1097-6, Annex E

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Other properties	Value	Comments
Voids	~55 % (HC 0,5-1) ~61 % (NC 0,8-1,6)	EN 1097-3, approximate value
Acid solubility	< 7 %	EN 12902

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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