

Filtralite® Clean HR 4-8



PRODUCT DESCRIPTION

Filtralite® Clean HR 4-8 is high quality filter media, manufactured from expanded clay material, used for biological treatment in wastewater plants.

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

Commercial name	FILTRALITE® HR 4-8
Density	Bulk density, compressed : 900 kg/m ³ Particle density : 1500 kg/m ³
Type of material	Expanded clay
Appearance	Round particles, smooth surface with micropores
Manufactured by	Leca Rælingen (Saint-Gobain Group), Norway
Version	8

Size and weight	Value	Deviation	Comments
Particle size range	4-8 mm	< 4 mm max. 5 % + Δ < 0,125 mm > 8 mm max. 5 %	EN 12905
Bulk density, dry, compressed	900 kg/m ³	± 75 kg/m ³	EN 1097-3, 10 strokes
Particle density, apparent	1 500 kg/m ³	± 150 kg/m ³	EN 1097-6, Annex E

Other properties	Value	Comments
Voids	~ 45 %	EN 1097-3, approximate value
Acid solubility	< 5 %	EN 12902
Friability	< 5 %	EN 12902

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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.

FILTRALITE[®] A Saint-Gobain brand

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