

Filtralite® Nature NC 2-10



PRODUCT DESCRIPTION

Filtralite® Nature NC 2-10 is high quality filter media, manufactured from expanded clay material, used for filtration and purification of waste and effluent water for dispersed settlements.

ADVANTAGES

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

EXPLANATIONS

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

PRODUCT SPECIFICATION

Commercial name	FILTRALITE® NC 2-10
Density	Bulk density, loose: 210 kg/m ³ Particle density : 550 kg/m ³
Type of material	Expanded clay
Appearance	Crushed particles, porous surface structure
Manufactured by	Leca Finland Oy (Saint-Gobain Group)
Version	3

Size and weight	Value	Deviation	Comments
Particle size range	3-8 mm	< 2 mm max. 15 % > 8 mm max. 10 %	EN 12905
Bulk density, loose	210 kg/m ³	± 50 kg/m ³	EN 1097-3
Particle density, oven-dried (24H)	550 kg/m ³	± 90 kg/m ³	EN 1097-6, Annex C

Other properties	Value	Comments
Void	~55 %	EN 1097-3, approximate value
Water absorption – 5 minutes	~34 %	EN 1097-6, Annex C, approximate value
Water absorption – 24 hours	~44 %	EN 1097-6, Annex C, approximate value

A Saint-Gobain brand

Chemical composition, approximate values

SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O
54 %	18 %	11 %	5 %	3 %	3 %

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.