

## 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

|                         |  |
|-------------------------|--|
| <b>Commercial name</b>  | FILTRALITE® NC 2-10  |
| <b>Density</b>          | Bulk density, loose: 250 kg/m <sup>3</sup><br>Particle density : 625 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 Hinge (Saint-Gobain Group), Denmark   |
| <b>Version</b>          | 1  |

| Size and weight                           | Value                 | Deviation                            | Comments           |
|---|-----------------------|--------------------------------------|--------------------|
| <b>Particle size range</b>                | 2-8 mm                | < 2 mm max. 15 %<br>> 8 mm max. 10 % | EN 12905           |
| <b>Bulk density, loose</b>                | 250 kg/m <sup>3</sup> | ± 50 kg/m <sup>3</sup>               | EN 1097-3          |
| <b>Particle density, oven-dried (24H)</b> | 625 kg/m <sup>3</sup> | ± 90 kg/m <sup>3</sup>               | EN 1097-6, Annex C |

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

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**Chemical composition, approximate values**

| SiO <sub>2</sub> | Al <sub>2</sub> O <sub>3</sub> | K <sub>2</sub> O | MgO | CaO | Na <sub>2</sub> O | TiO <sub>2</sub> |
|------------------|--------------------------------|------------------|-----|-----|-------------------|------------------|
| 57 %             | 22 %                           | 3 %              | 3 % | 1 % | 1 %               | 1%               |

**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<sup>®</sup>** A Saint-Gobain brand

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