

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 : 880 kg/m ³ Particle density : 1450 kg/m ³ |
| Type of material | Expanded clay |
| Appearance | Round particles, smooth surface with micropores |
| Manufactured by | Leca Rælingen (Saint-Gobain Group), Norway |
| Version | 7 |

| 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 | 880 kg/m ³ | ± 75 kg/m ³ | EN 1097-3, 10 strokes |
| Particle density, apparent | 1 450 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

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