

PRODUCT SPECIFICATION OF FILTRALITE®

Filter media

FILTRALITE® HC 0,8-1,6

Commercial name	FILTRALITE® HC 0,8 – 1,6 mm
Density	Bulk density: 775 kg/m ³ particle density: 1700 kg/m ³
Type of material	Expanded clay
Appearance	Crushed particles, porous surface structure
Manufactured by	Weber Leca Rælingen, Norway

Size and weight	Value	Deviation	Comments
Effective size	0,95 mm	± 10 %	d ₁₀
Particle size range	0,8-1,6 mm	< 0,8 mm max. 5% > 1,6 mm max. 5%	EN 12905 EN 12905
Coefficient of uniformity	< 1,5		d ₆₀ / d ₁₀ EN 12905
Bulk density, dry	775 kg/m ³	± 125 kg/m ³	EN 1097-3
Particle density, dry (PDD)	1700 kg/m ³	± 150 kg/m ³	Exclay norm

Other properties	Value	Comments
Floating particles	< 2 %	Floating particles after 2 days in water.
Particle porosity	40 %	Porosity internal particle: (1-PDD/2700 kg/m ³)*100 %
Voids	62 %	EN 1097-3
Acid solubility	< 5 %	EN 12902
Water absorption 1 day	20 %	Approximately value. Exclay Norm
Water absorption 28 days	28 %	Approximately value. Exclay Norm
Water absorption 1 year	30 %	Approximately value. Exclay Norm
Water absorption Max	32 %	Approximately value. Exclay Norm

Chemical composition, average values:

SiO ₂	Al ₂ O ₃	FeO ₃	K ₂ O	MgO	CaO	Na ₂ O	C _{tot}
62%	18%	7%	4%	3%	3%	2%	0,02%

Weber

Saint-Gobain Byggevarer AS
P.O. Box 216 Alnabru
0614 Oslo, Norway

Further information:
www.filtralite.com
E-mail: info@weber-norge.no

Telephone:
+47 22 88 77 00
Telefax:
+47 22 64 54 54


