

PRODUCT SPECIFICATION OF FILTRALITE®

Filter media

FILTRALITE® NR 10-20

Commercial name	FILTRALITE® NR 10-20 mm
Density	Bulk density: 260 kg/m ³ particle density: 450 kg/m ³
Type of material	Expanded clay
Appearance	Round particles, smooth surface with micropores
Manufactured by	Weber Leca Rælingen, Norway

Size and weight	Value	Deviation	Comments
Effective size	11 mm	± 2,0 mm	d ₁₀ , Approximately value
Particle size range	4-10 mm	> 20,0 mm max. 10 % < 10,0 mm max. 15 %	
Coefficient of uniformity	< 1,5		d ₆₀ / d ₁₀
Bulk density, dry	260 kg/m ³	± 50 kg/m ³	EN 1097-3
Particle density, dry (PDD)	450 kg/m ³	± 100 kg/m ³	Exclay Norm

Other properties	Value	Comments
Floating particles, 2 days	99 %	Approximately volume floating particles after 2 days in water.
Floating particles, 2 years	>90 %	Approximately volume floating particles after 2 years in
Particle porosity	83 %	Approximately value. Porosity internal particle: (1-PDD/2700 kg/m ³)*100 %
Voids	42 %	Approximately value. EN 1097-3
Crushing degree	13 %	
Water adsorption 1 day	13 %	Approximately value. Exclay Norm
Water adsorption 1 month	26 %	Approximately value. Exclay Norm
Water adsorption 2 years	70 %	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


