

NABENT ULTRA

Activated Natrium-Bentonite

NABENT Ultra is our top bentonite with best features. It is used when a maximum density is required.

NABENT is used for

ground sealing liners
waste deposits
protection dams
pond sealing
retention ponds
ponds for snowmaking

Available

Silotransport 27 t
Bigbag approx.. 1200 kg
Paper bag 25 kg, (Palett 1000 kg)

Technical Values		Testing Method
Montmorillonite content	> 80%	ASTM C837
Methylene blue absorption	> 350 mg/g	ASTM C837
Water content	< 12 %	DIN 18121
Swelling index	> 30 ml / 2g	ASTM D 5890
Enslin value	590% / 24h	DIN 18132
Particle size	0-63µm (max 20% >63µm)	DIN 18123
Bulk density	approx. 820kg/m ³	
Color	light grey	

Chemical Analysis

SiO ₂	74,00%	Na ₂ O	0,09%
Al ₂ O ₃	14,30%	K ₂ O	0,54%
Fe ₂ O ₃	2,60%		
CaO	1,30%		
MgO	1,10%		

Heavy Metal Analysis

As	15 ppm	Zn	45 ppm
Pb	19 ppm	Cu	7 ppm
Cr	98 ppm	Mn	440 ppm
Cd	< 0,3 ppm	Co	3 ppm
Ni	50 ppm	Hg	0 ppm