

NABENT

Activated Natrium-Bentonite

NABENT is a Soda-activated bentonite with outstanding swelling capacities. Pores in the ground are reliably sealed. Good quality and regional production lead to high profitability.

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	> 70%	ASTM C837
Methylene blue absorption	> 310 mg/g	ASTM C837
Water content	< 12 %	DIN 18121
Swelling index	> 24 ml / 2g	ASTM D 5890
Enslin value	530% / 24h	DIN 18132
Particle size	0-63µm (max 20%>63µm)	DIN 18123
Bulk density	ca. 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