

# NABENT FOUNDRY

is a special foundry bentonite

Its characteristics are high temperature stability and the high efficiency entailed.

## 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
Swelled index	> 24 ml / 2g	ASTM D 5890
FANN 600	approx. 35	
Fluid loss	10-15 ml	ASTM D 5891
Green compression strength	> 90 kPa	
Particle size	0-63µm (max 20%>63µm)	DIN 18123
Bulk density	approx. 820kg/m <sup>3</sup>	
Color	light grey	

## Chemical Analysis

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

## Heavy Metal Analysis

As	<b>15 ppm</b>	Zn	<b>45 ppm</b>
Pb	<b>19 ppm</b>	Cu	<b>7 ppm</b>
Cr	<b>98 ppm</b>	Mn	<b>440 ppm</b>
Cd	<b>&lt; 0,3 ppm</b>	Co	<b>3 ppm</b>
Ni	<b>50 ppm</b>	Hg	<b>0 ppm</b>