

GLAUCONITE (GREEN SAND)

CHEMICAL COMPOSITION, CONTENT IN %		MINERAL COMPOSITION					
SiO ₂	77,60	Glauconite	37±6%				
TiO ₂	0,57	Quartz	46±6%				
Al ₂ O ₃	7,67	Mica (muscovite)	4±1%				
Fe ₂ O ₃	5,90	Feldspar	8±2%				
MnO	0,02	Zeolite	4±1%				
CaO	0,90	Chlorite	1±0,5				
MgO	1,24	EXCHANGE CATIONS:					
Na ₂ O	0,39	Ca	10,48 mg-equ				
K ₂ O	2,48	Mg	6,58 mg-equ				
P ₂ O ₅	0,17	Na	2,61 mg-equ				
SO ₃	<0,05	K	1,28 mg-equ				
pH water extraction	8,34	Total amount	20,95 mg-equ				
Ash content	97,04						
Pores' adsorptive volume cm ³ /g, no less	0,025	GRANULOMETRIC COMPOSITION	about 80% of particles have the size of 0,05-0,3 mm.				
TEXTURE CHARACTERISTICS ON NITROGEN AND HELIUM PYROMETRY ADSORPTION							
Specific surface on BET, m ² /g	Pores volume, cm ³ /g			True density g/cm ³	Porosity, %	Pores diameter, Å	Pour density, g/dm ³
	Micro	Meso	Total				
20,56	0,0028	0,028	0,0308	2,67	7,6	59,92	110,0

PACKAGE: 800 kg plastic big bags, 20MT/40GP