

BENTONITE GB-3

Chemical Analys

SiO ₂	%	71
Al ₂ O ₃	%	12,50
Fe ₂ O ₃	%	1,25
TiO ₂	%	0,20
CaO	%	1,30
MgO	%	1,40
Na ₂ O	%	0,05
K ₂ O	%	0,25
SO ₃	%	0,02
L.O.I.	%	12,03

Mineralogical Analys

Montmorillonite	%	Min. 85
Cristobalite/Opal	%	Max. 15
Plagioclase	%	Eser/Trace

Physical Analys

Cation Exchange Capacity	meq/100 gr	86 ± 5
Swelling	ml/2 gr	20 ± 2
pH (%8 solid)	(-)	8,5 ± 5

Kullanım/Usage

Seramik	Ceramics
Çimento ve İnşaat Sanayii	Cement and Construction
Döküm Sanayii	Casting Industry
Kağıt Sanayii	Paper Industry
Boya Sanayii	Paint Industry
Sondaj	Drilling
Hayvancılık ve Gübre	Fertilizer and animal feed
Kedi Kumu	Cat Litter/Sand
Gıda Sanayii	Food Industry
(Margarin, Sıvı Yağ, Şarap, Bira, Meyve Suyu)	(Margarine, Cooking Oil, Wine, Beer, Juice)

Color Properties

Raw Color	L	92 ± 2
	a	0,5 ± 0,2
	b	3,4 ± 0,5

1220 °C	L	76,3 ± 2
	a	0,85 ± 0,1
	b	11,5 ± 2

Particle Size

d97 < 20 µ < 35 µ < 65 µ

d100 < 30 µ < 45 µ < 75 µ

Moisture

< 12

Package

Bigbags, Craft Paper Bags