TEKNİK MİNERAL

BT- 1 BENTONITE

1. CHEMICAL ANALYSIS

SiO_2	(wt%)	69.10 (± 1.00)
Al_2O_3	(wt%)	12.35 (± 0.50)
Fe_2O_3	(wt%)	0.85 (± 0.10)
TiO_2	(wt%)	0.22 (± 0.02)
CaO	(wt%)	3.17 (± 0.02)
MgO	(wt%)	1.25 (± 0.25)
Na_2O	(wt%)	0.00 (± 0.01)
K_2O	(wt%)	0.23 (± 0.01)
SO_3	(wt%)	0.01 (± 0.01)
LoI	(wt%)	11.69 (± 0.65)

2. MINEROLOGICAL ANALYSIS

Montmorillonit	(%)	Min 85,00
Cristobalite-Opal	(%)	Max 15,00
Plagioclase	(%)	Eser / Trace

3.PHYSICAL PROPERTIES

Cation Exchange Capacity	(meg/100gr)	86,00±5,00
Swelling	(mL/2 gr)	25,00±2,00
pH (%8 solid)	(-)	8,5±0,5

4.COLOR PROPERTIES

	WHITE	
RAW COLOR	**L** (lightness-darkness) **:**	94,00 ± 2,00
	a (+red,-green) :	0,50 ± 0,20
	b (+yellow,-blue) :	3,40 ± 0,50
1220 ° C	**L** (lightness-darkness) **:**	90,00 ± 2,00
	a (+red,-green) :	0,10 ± 0,20
	b (+yellow,-blue) :	8,50 ± 2,00

5.POWDER PARTICLE SIZE

EK'tedir

6.MOISTURE

20±2

7.PACKAGING

1 CONTAINER (20 BIGBAG * 1350 KG) TOTAL WEIGHT : 27000 KG

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