

Ünye Maden

PREMIUM WHITE BENTONITE | CAT LITTER MANUFACTURER



WHITE CAT LITTER

WELLNESS AND COSMETICS SOLUTIONS
INDUSTRIAL APPLICATIONS



END TO END SOLUTIONS FOR PREMIUM CAT LITTER PRODUCTS

Who are we ?

Founded in 1995, Unye Maden

- is a leading and reputable company specialised in production, supply and export of White Bentonite products, commonly known as “Unye Bentonite” located in Turkey.

- owns one of the largest white bentonite reserves in Turkey with its indicated reserve of 20 Million Ton and probable reserve of over 45 Million Ton.

- has supplied over 400.000 Ton of crude bentonite & cat litter & micronized products & high-end products in 2020, expected to be ~450.000 Ton in 2021.

- overall, as of now, Unye Maden has the following plant capacities;

- Total Cat Litter Capacity of 210.000 Ton/Year
- Total Cat Packaging Capacity of 150.000 Ton/Year
- Total Milling / Micron Size Processing Capacity of 15.000 Ton/Year
- Total Wet Filtration / Purification Capacity of 1.500 Ton/Year

- has exported both bentonite and cat litter to countries such as Germany, Spain, UK, Portugal, France, Italy, Netherlands, Belgium, Austria, Greece, Bulgaria, Georgia, Czech, Russia, Ukraine, Poland, Malta, Egypt, Algeria, Tunisia, Israel, KSA, Iraq, Lebanon, Morocco, Libya, India, UAE, Pakistan, Indonesia, South Korea, Japan, China, Malaysia, Bangladesh, Vietnam, Chile, Colombia, USA, New Zealand etc.

Unye Maden has always carried out its activities with the principles of Customer Satisfaction and Assurance of Quality Products & Services. Thanks to its strong philosophy, Unye Maden has established Long-term Relationships with its customers and extended its portfolio day by day.



Our Solutions

Our Bentonite Unye Bentonite is generally well known with its whiteness, high absorption capabilities and rich montmorillonite content. Major primary uses of our bentonites are Cat Litter, Ceramic, Medical, Peloid, Pharmaceutical & Cosmetic Formulations Food Additives, Quality Paper, Detergent, etc. Unye Maden is able to provide broad range of solutions to its customer ranging from Crude to Final Bentonite products.

- With a vision to become the premier manufacturer in White Bentonite Cat Litter Sector, Unye Maden set up its state-of-the-art facility with a production capacity of 70,000 Ton/Year and commenced production in 2018 and has now reached a total of 210,000 Ton/Year capacity in 2021.

- In order to meet its customers high added value products requirements for industrial areas such as Ceramic, Paints, Food Additives, Paints etc., Unye Maden has recently commissioned its first Milling / Micron Size Processing Plant with a total capacity of 15.000 Ton/Year.

- Furthermore, Unye Maden has been operating a special Wet Filtration / Purification facility with a total capacity of 1.500 Ton/Year in order to meet the needs of high-end products such as health, cosmetics, well-being sectors.

“Our **main** objective is to build **long-term business partnership** with our valued clients, providing competitive pricing and consistent quality of products & services.”



Premium Cat Litter Products



Wellness and Cosmetics Solutions



Industrial Applications

Raw Material and Deposits

Unye Maden owns one of the largest white bentonite reserves in Turkey with its indicated reserve of 20 Million Ton and probable reserve of over 45 Million Ton. Our mines are only at around 8 KM distance to the Manufacturing Facilities. Our bentonite formation consists of thickness up to 25 - 40 mt. These allow us to fulfill long term quantity wise requirements of our customers.



SiO₂	67,50 % (± 5,00)	72,75 % (± 5,00)
Al₂O₃	16,25 % (± 3,00)	14,35 % (± 3,00)
Fe₂O₃	1,40 % (± 0,30)	1,05 % (± 0,30)
TiO₂	0,18 % (± 0,05)	0,13 % (± 0,05)
CaO	2,95 % (± 0,50)	2,35 % (± 0,50)
MgO	2,95 % (± 0,30)	1,70 % (± 0,30)
Na₂O	3,20 % (± 0,50)	0,85 % (± 0,15)
K₂O	0,60 % (± 0,30)	1,05 % (± 0,15)
L.O.I.	7,10 % (± 1,00)	5,75 % (± 1,00)
Whiteness (L)	90,00 (± 3,00)	90,00 (± 3,00)
Methylene Blue Absorption (mg/g)	275 (± 25)	275 (± 25)



Processing & Packaging

Our Processing Plant is only at around 6 KM distance to Unye Bulk Port and 96 KM distance to Samsun Container Port. Our state-of-the-art facility with latest technology enables to meet our commitments to customers while providing high quality and safety standards at all stages of production and logistics.

FACTS

Total Area of Facility (*)	20.000 m ²
Indoor Area of Facility (*)	12.000 m ²
Crude Mining Capacity	500.000 Ton/Year
Indicative Reserve	20.000.000 Ton
Probable Reserve	40.000.000 Ton
Cat Litter Production Capacity	210.000 Ton/Year
Cat Litter Packaging Capacity (*)	150.000 Ton/Year
Milling (Micron Size Processing) Capacity	15.000 Ton/Year
Wet Filtration / Purification Capacity	1.500 Ton/Year

(*) Additional Packaging facility is expected to be operational in 2023.



Cat Litter Solutions

Thanks to our bentonite quality "UNYE BENTONITE", strict quality control standards and utilization of the most modern production facilities, Unye Maden is able to offer the following specs of Cat Litter at competitive prices with consistent quality.

Standard Formulations



**ULTRA
COMPACT**



COMPACT



COARSE



**WITH
ACTIVE CARBON
GRANULES**

PARAMETERS	UNIT	ULTRA COMPACT	COMPACT	COARSE	WITH ACTIVE CARBON GRANULES
Granule Size	mm	0,50 - 2,00	0,50 - 2,50	0,50 - 4,00	0,50 - 2,50
Westinghouse	%	330 - 270	320 - 260	315 - 235	320 - 260
Clumping Weight	g/20ml	50 (± 8)	56 (± 8)	60 (± 12)	56 (± 8)
Clump Resistance	cm	85 (± 15)	85 (± 15)	85 (± 15)	85 (± 15)
Bulk Density	g/l	810 - 870	810 - 880	780 - 860	810 - 880
Colour	HLab	95 - 85	95 - 85	95 - 85	95 - 85
PH		9,5(±1)	9,5(±1)	9,5(±1)	9,5(±1)
Moisture	%	8 (± 2)	8 (± 2)	8 (± 2)	8 (± 2)
Dust Free	%(<100µ)	~99,0	~99,5	~99,9	~99,5

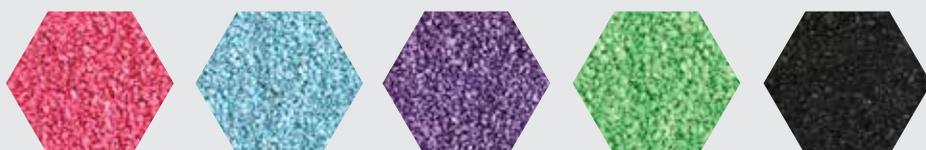
Scent Options

- Baby Powder
- Marseille Soap
- Lavender
- Aloe Vera

* Different scents (such as Orange, Apple, Vanilla, Fresh, Pine etc. are also available upon customer's request.

Coloured and Active Carbon Granule Options

- Baby Powder
- Marseille Soap
- Lavender
- Aloe Vera
- Active Carbon



* Different colours (such as Green, Light Green, Yellow, Orange, Turquoise etc.) and Active Carbon Granules are also available upon customer's request.)

Premium Formulations



NEUTRAL HYGIENE

CL/C/0525.NH

Product Code
Granule Size

COMPACT
Size Granules
0,50 mm - 2,50 mm

Content

*W.B.G. (~99,0%)
*B.G. (~1,0%)



GREY ACTIVE CONTROL

CL/C/0525.GAC

COMPACT
Size Granules
0,50 mm - 2,50 mm

*G.B. (~75,0%)
*W.B.G. (~25,0%)



FRESH CONTROL

CL/C/0525.FC

COMPACT
Size Granules
0,50 mm - 2,50 mm

*W.B.G. (~95,0%)
Perfume (Fresh) (~0,5%)



ACTIVE CONTROL +

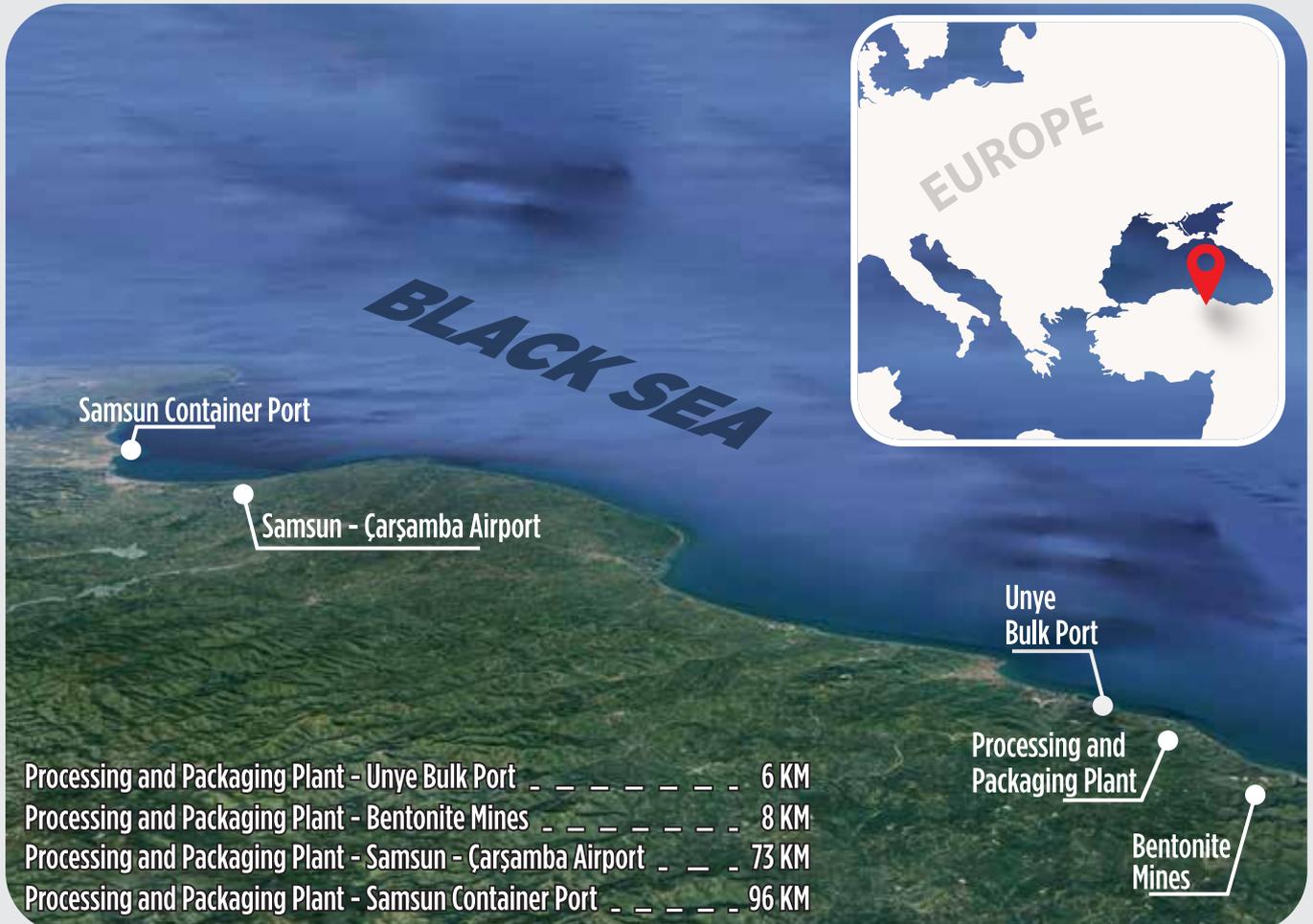
CL/C/0525.AC+

COMPACT
Size Granules
0,50 mm - 2,50 mm

*G.B. (~74,5%)
*W.B.G. (~24,5%)
*A.C.G. (~1,0%)

*W.B.G.: White Bentonite Granules | *B.G.: Bicarbonate Granules | *A.C.G.: Activated Carbon Granules | *G.B.: Grey Bentonite

Important Locations



Our Brands



YOUR CAT'S COMFORT COMES FROM

NATURE

**MADE FROM 100%
UNYE BENTONITE**

Premium Natural Product

Strong Clumping

Low Dust Formula

Super Odour Control

5LT

HYPER + PE (LDPE + LDPE)
Recyclable Quadro Ready Plastic Bag

10LT

HYPER + PE (LDPE + LDPE)
Recyclable Quadro Ready Plastic Bag



Baby Powder Scented



Marseille Soap Scented



Lavender Scented



Aloe Vera Scented



Unscented



Activated Carbon



MAXIMIZE YOUR CAT'S COMFORT

**EXTRA SCENT
FORMULA** WITH **COLOURED
GRANULES**

Maximum White Bentonite Formula

Extra Strong Clumping

Up to 99,9 % Dust Free

Superior Odour Control

5LT

HYPER + PE (LDPE + LDPE)
Recyclable Quadro Ready Plastic Bag

10LT

HYPER + PE (LDPE + LDPE)
Recyclable Quadro Ready Plastic Bag



Baby Powder Scented



Marseille Soap Scented



Lavender Scented



Aloe Vera Scented



Unscented

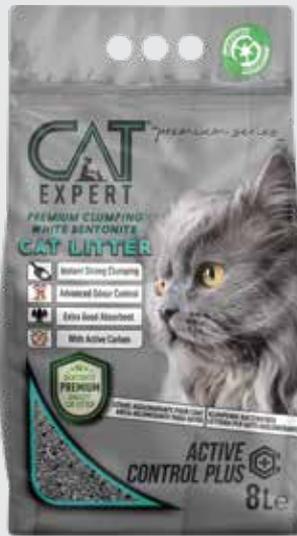


Activated Carbon

Our Brands



EXPERTISE FROM NATURE



Insta Strong Clumping



Improved Odour Control



Low Dust Content



Good Absorbent



Insta Strong Clumping



Advanced Odour Control



Extra Good Absorbent



Low Dust Content



Insta Strong Clumping



Very Good Odour Control



Fresh Scented



Very Good Absorbent

BEST CLUMP

BEST CLUMP BEST PRICE

Super Odour Control
Ultra Absorbent
Low Dust Formula
Instant Strong Clumping

Baby Powder Scented

Marseille Soap Scented





THE MEMBER OF
Sedex

Ünye Maden 
PREMIUM WHITE BENTONITE | CAT LITTER MANUFACTURER

ÜNYE MINING INDUSTRY TRADE LIMITED CORPORATION **ÜNYE MADENCİLİK SANAYİ VE TİCARET LİMİTED ŞİRKETİ**

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