



Superior Performance With Calcium Carbonate

ANDCARB®



ANADOLU MİKRONİZE

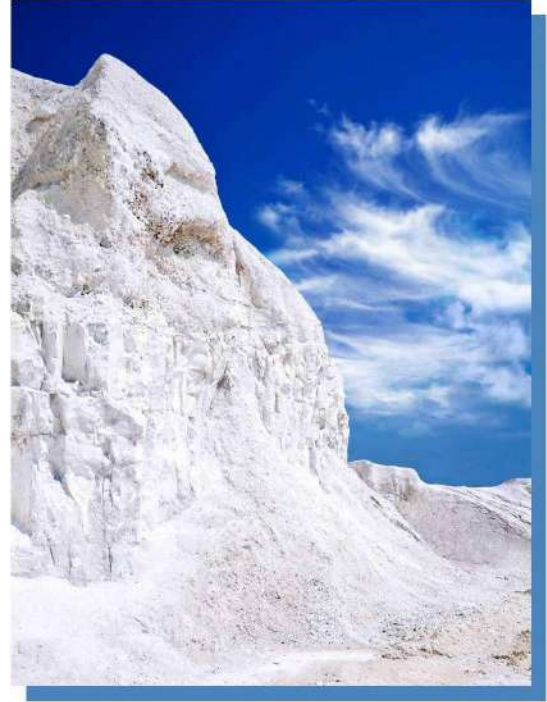
ANADOLU MIKRONİZE is one of the leading Industrial Mineral and Metal manufacturers in Turkey. We produce 400,000 TPY micronized calcite and 200,000 TPY granular calcite in the province of Niğde, where the richest and purest masses of calcium carbonate deposits are located. Our micronization facility is installed on an indoor area of 23,000 m² and outdoor area of 95,000 m². Our mines in the province Niğde have a total licensed area of 4,500 decares with an annual crushing/sieving capacity of 1.200.000 TPY.

ANADOLU MIKRONİZE is committed to perform its activities with high quality and sustainable service approach during all phases of the process from extraction of naturally deposited calcium carbonate through delivery to end users. As we handle industrial raw material, we provide pre-sales and post-sales services in line with the cost/benefit and quality expectations of our distinguished customers. We use a fully automated production system with cutting-edge machinery and equipment developed together with our international solution partners, from supply of raw material to packaged product output. Building on innovation, dynamism, sustainability and competitiveness, Anadolu Mikronize has expanded locally and international on a sustainable basis.

As an industrial mineral manufacturer holding TSE, ISO 9001,14001 and OHSAS 18001 quality assurance and quality management certifications, Anadolu Mikronize adopts the principles of achieving high level of quality control and caring about environment in a conscious manner.

Our Vision

Our vision is to supply calcium carbonate products, manufactured to the highest purity and whiteness standards under the **ANDCARB** brand, to all manufacturers in Turkey and across the world and to contribute to the regional economic development.



Calcium Carbonate (Calcite)

Calcium carbonate or calcite (CaCO_3) is a type of largely crystallized, fragile and transparent marble with a specific gravity of 2.6-2.8 and hardness scale of 3 Mohs.

After being rendered to micron size by grinding, calcite is one of the basic and essential raw materials used in many sectors including paint, paper, plastic (PVC pipes, profiles, panels, etc.), cable, construction (plaster, paste, grouting, gypsum plaster making, glues), food, ceramic and pharma industries. Calcite is a raw material which is commonly used due to its whitening properties, low price and other qualifications.



PRODUCTS	d50 Mean Particle Size Max.	d97 Top-Cut Max.	<2 µm Particle Min.
UNCOATED			
ANDCARB EXTRA	1,00 µm	2,50 µm	85%
ANDCARB X95	1,30 µm	4,00 µm	75%
ANDCARB X85	1,55 µm	4,80 µm	65%
ANDCARB X65	1,60 µm	5,50 µm	60%
ANDCARB 1	1,70 µm	7,50 µm	55%
ANDCARB 2X	2,60 µm	9,00 µm	45%
ANDCARB 3	3,20 µm	15,00 µm	35%
ANDCARB 5	5,30 µm	25,00 µm	25%
ANDCARB 10	6,50 µm	28,00 µm	23%
ANDCARB 20	8,00 µm	35,00 µm	20%
ANDCARB 40	10,00 µm	50,00 µm	15%
COATED			
ANDCARB CT-X95	1,30 µm	4,00 µm	75%
ANDCARB PRO-FILL 2	1,30 µm	4,00 µm	75%
ANDCARB CT-X85	1,55 µm	5,00 µm	65%
ANDCARB PRO-FILL 1	1,55 µm	4,80 µm	65%
ANDCARB CT-X65	1,65 µm	6,00 µm	60%
ANDCARB CT-1	1,70 µm	7,50 µm	55%
ANDCARB FILM	1,70 µm	7,50 µm	55%
ANDCARB CT-2X	2,60 µm	10,00 µm	40%
ANDCARB CT-3	3,20 µm	15,00 µm	35%
ANDCARB CT-5	5,30 µm	25,00 µm	25%

As the auxiliary and most common raw material used in many industrial fields, calcite alleviates use of other precious raw materials with similar properties, including highly expensive pigments like titanium dioxide. Therefore, it offers a very high economic value. Furthermore, calcite is used in many countries to enrich soil and reduce the acidity of polluted lakes.

PRODUCTS	sieve residua %									
	ANDCARB GR2530	ANDCARB GR2025	ANDCARB GR1520	ANDCARB GR1015	ANDCARB GR510	ANDCARB GR1000	ANDCARB GR800	ANDCARB GR200-500	ANDCARB GR400	ANDCARB GR100
Analogue	2500-3000	2000-2500	1500-2000	1000-1500	500-1000	0-1000	0-800	200-500	0-400	0-100
Size µ										
3000	0	-	-	-	-	-	-	-	-	-
2500	0-5	0	-	-	-	-	-	-	-	-
2000	60-90	40-55	0-1	-	-	-	-	-	-	-
1500	0-6	45-60	65-90	0	-	-	-	-	-	-
1250	-	0	20-30	27-30	-	-	-	-	-	-
1000	-	-	0	33-40	0	0	0	-	-	-
800	-	-	-	30-35	17-20	4-7	0-1	-	-	-
700	-	-	-	-	20-25	12-15	8-12	-	-	-
600	-	-	-	-	9-13	7-10	9-14	-	-	-
500	-	-	-	-	18-23	11-15	15-20	0	-	-
400	-	-	-	-	4-8	4-8	4-9	1-3	0	-
300	-	-	-	-	17-21	15-20	19-25	37-43	15-25	-
200	-	-	-	-	0	17-23	17-24	50-60	20-25	0
100	-	-	-	-	-	11-17	9-13	0-2	21-25	0
73	-	-	-	-	-	-	-	-	8-13	6-9
-73	-	-	-	-	-	17-25	15-25	0	30-40	81-94



Superior Choice for Sustainability

