

NİĞTAŞ A100

PRODUCTION SITE

Nigde / TURKEY

PRODUCT SPECIFICATION

Certified ISO 22000-2005, ISO 22716-2007 OHSAS 1801-2007, ISO 10002-2014, ISO 1401-2015, ISO 9001-2015
Micronized natural calcium carbonate at high purity and whiteness is originated from natural sources.

CHEMICAL ANALYSIS

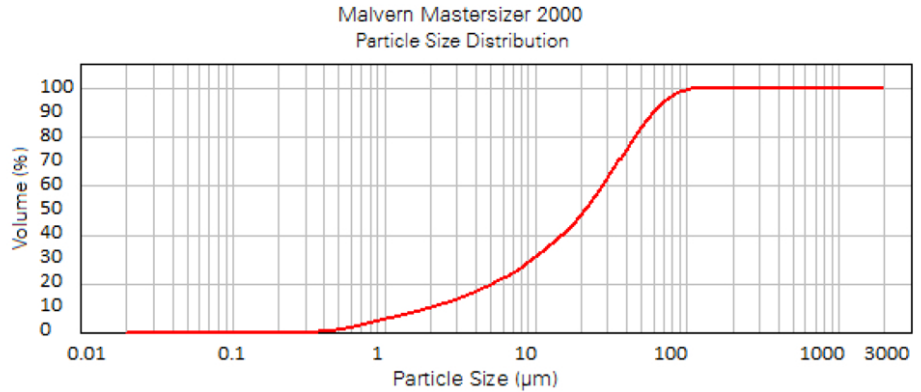
CaCO ₃	99,35 ± 0,2	(%)
MgO	0,3 ± 0,1	(%)
SiO ₂	< 0,1	(%)
Fe ₂ O ₃	0,04 ± 0,01	(%)
HCl Insoluble	< 0,1	(%)

TECHNICAL DATA

Whiteness (L) (ASTM E-313) Elrepho 450x	> 97,50	(%)
Brightness (Ry C/2) (DIN 6174) Elrepho 450x	> 93,00	(%)
Moisture, Factory Depart (ISO 787-2)	< 0,3	(%)
pH value (ISO 787-9)	8,5 ± 1,0	
Hardness by (Moh's)	3	Mohs
Dop Absorbtion (ISO 787-5)	20	gr/100gr
Oil Absorbtion (ISO 787-5)	12	gr/100gr
Refractive Index	1,57	
Tap Density	1,40	gr/ml

APPLICATIONS

- Decorative Paints
- PVC Shoe Soles
- Construction Chemicals (Adhesive, Suture etc.)
- Plaster, Jamps
- Ceramic and Porcelains
- Synthetic Marbles
- Fertilizers
- Animal feed additive and Agricultural Products
- Drilling Industry
- Asphalt Production



PARTICLE SIZE DISTRIBUTION	Parameters	Mastersizer 2000	Value
	Mean Grain Size , D50	21,50 ± 1,50	(µ)
	Top – Cut , D97	84,00 ± 8,0	(µ)
	Volume % of particles below 2µ	10,00 ± 1,0	(%)
	Specific Surface Area	1,10 ± 0,10	(m ² /cm ³)
	Sieve Residue on 250µ (ISO 787-7)	< 0,1	(%)

PACKING

25/40 kg kraft / PP sack+1.250/1.200 kg big bag Or bulk in 1.250/1.000 kg big bag (palletized)

These information are related to specific material defined above that they are based on technical measuring data that Nigtas belives to be reliable. Responsibility of appreciate and determine the suitability of this product before any use belongs to customer or corporation.