



NİĞTAŞ 100

PRODUCTION SITE

Nigde / TURKEY

Certified ISO 22000-2005, ISO 22716-2007 OHSAS 1801-2007, ISO 10002-2014, ISO 1401-2015, ISO 9001-2015

PRODUCT SPECIFICATION

Micronized natural calcium carbonate at high purity and whiteness is originated from natural sources.

CHEMICAL ANALYSIS

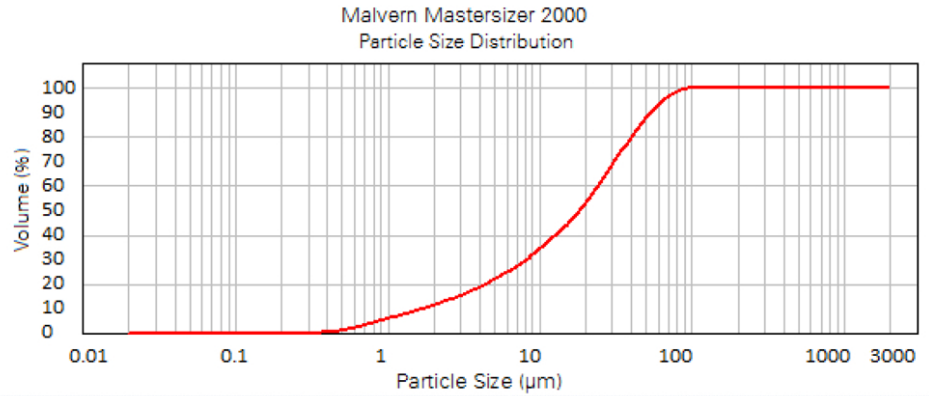
CaCO ₃	99,35 ± 0,2	(%)
MgO	0,3 ± 0,1	(%)
SiO ₂	< 0,1	(%)
Fe ₂ O ₃	0,04 ± 0,01	(%)
HCl Insoluble	< 0,1	(%)

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)	22	gr/100gr
Oil Absorbtion (ISO 787-5)	13	gr/100gr
Refractive Index	1,57	
Tap Density	1,35	gr/ml

APPLICATIONS

- Road Line Paints
- Decorative Paints
- PVC Shoe Soles
- Asphalt Production
- Cream Surface Cleaners
- Ceramics and Porcelains
- Plasters and Jamps
- Drilling Industry
- Synthetic Marbles



PARTICLE SIZE DISTRIBUTION	Parameters	Mastersizer 2000	Value
	Mean Grain Size , D50	17,50 ± 1,50	(µ)
	Top – Cut , D97	62,00 ± 8,0	(µ)
	Volume % of particles below 2µ	11,50 ± 1,50	(%)
	Specific Surface Area	1,35 ± 0,10	(m ² /cm ³)
	Sieve Residue on 160µ (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.