

# NİĞTAŞ 2

## 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

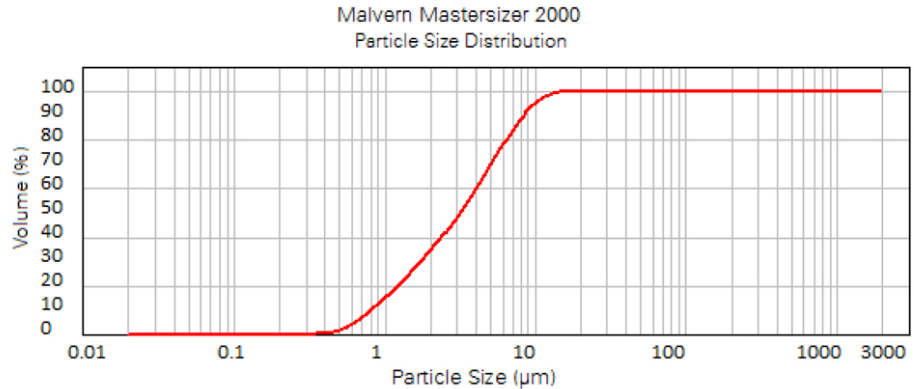
CaCO <sub>3</sub>	99,35 ± 0,2	(%)
MgO	0,3 ± 0,1	(%)
SiO <sub>2</sub>	< 0,1	(%)
Fe <sub>2</sub> O <sub>3</sub>	0,04 ± 0,01	(%)
HCl Insoluble	< 0,1	(%)

## TECHNICAL DATA

Whiteness (L) (ASTM E-313) Elrepho 450x	> 98,30	(%)
Brightness (Ry C/2) (DIN 6167) Elrepho 450x	> 96,00	(%)
Moisture, Factory Depart (ISO 787-2)	< 0,3	(%)
pH value (ISO 787-9)	8,5 ± 1,0	
Hardness by (Moh's)	3	Mohs
Dop Absorbion (ISO 787-5)	35	gr/100gr
Oil Absorbion (ISO 787-5)	18	gr/100gr
Refractive Index	1,57	
Tap Density	0,85	gr/ml

## APPLICATIONS

- Powder Paints
- Interior and Exterior Emulsion Paints
- Emulsion Ceiling Paints
- Solvent Based Paints
- Polyesters
- PVC Cable and Dirty Water Pipes
- PVC, Caoutchouc Shoe Soles
- Expanded Polypropylene Foam (EPF)
- Paper and Paperboard Sector
- EVA Glues
- Ceramic Varnishes



PARTICLE SIZE DISTRIBUTION	Parameters	Mastersizer 2000	Value
	Mean Grain Size , D50	3,20 ± 0,20	(µ)
	Top - Cut , D97	11,60 ± 0,80	(µ)
	Volume % of particles below 2µ	37,00 ± 4,0	(%)
	Specific Surface Area	3,10 ± 0,30	(m <sup>2</sup> /cm <sup>3</sup> )
	Sieve Residue on 45µ (ISO 787-7)	< 0,01	(%)

## PACKING

25 kg kraft / PP sack+1.250/1.000 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.