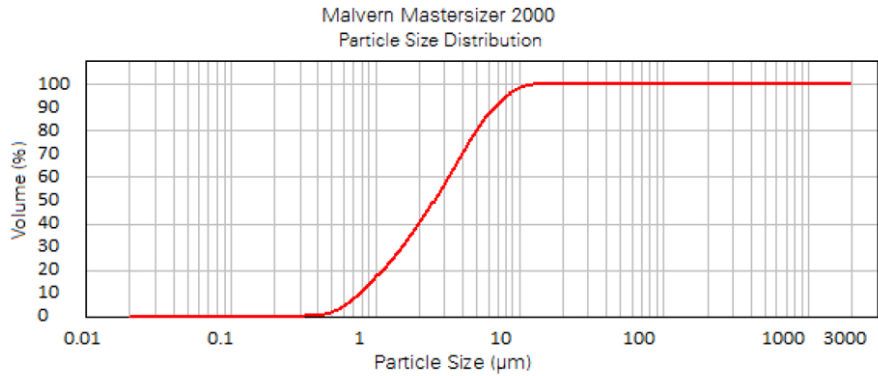


# NİĞTAŞ 1K

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 coated 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 6174) 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 Absorbtion (ISO 787-5)	18	gr/100gr
	Oil Absorbtion (ISO 787-5)	15	gr/100gr
	Refractive Index	1,57	
	Tap Density	1,05	gr/ml

## APPLICATIONS

- Printing Inks
- PVC Profile, Door and Window Handles
- PVC Panelings, Hoses and Cables
- PVC Hard Foams
- Vehicle Tires
- PP,HDPE Pochette and Industrial Films
- PVC Wicks and Gaskets
- PVC Floor Covering-Tarpaulin



PARTICLE SIZE DISTRIBUTION	Parameters	Mastersizer 2000	Value
	Mean Grain Size , D50	2,70 ± 0,20	(µ)
	Top – Cut , D97	9,20 ± 0,80	(µ)
	Volume % of particles below 2µ	41,00 ± 4,0	(%)
	Specific Surface Area	3,20 ± 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.