



NİĞTAŞ 80

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

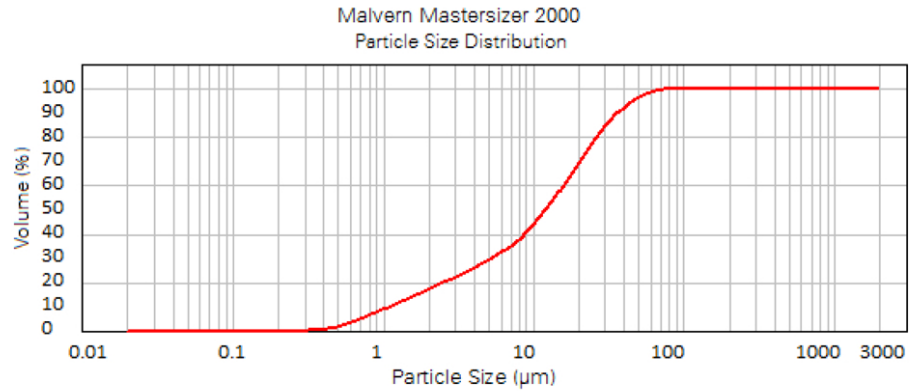
| | | |
|--------------------------------|-------------|-----|
| CaCO ₃ | 99,35 ± 0,2 | (%) |
| MgO | 0,3 ± 0,1 | (%) |
| SiO ₂ | < 0,1 | (%) |
| Fe ₂ O ₃ | 0,04 ± 0,01 | (%) |
| HCl Insoluble | < 0,1 | (%) |

TECHNICAL DATA

| | | |
|---|-----------|----------|
| Whiteness (L) (ASTM E-313) Elrepho 450x | > 98,00 | (%) |
| Brightness (Ry C/2) (DIN 6174) Elrepho 450x | > 95,50 | (%) |
| 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) | 24 | gr/100gr |
| Oil Absorbion (ISO 787-5) | 13 | gr/100gr |
| Refractive Index | 1,57 | |
| Tap Density | 1,25 | gr/ml |

APPLICATIONS

- Exterior Emulsion Paints
- Road Line Paints
- Marine Paints
- Sponges
- Metal Based Compozites
- Floor Covering Adhesives
- Drilling Industry
- Faux Leathers



| PARTICLE SIZE DISTRIBUTION | Parameters | Mastersizer 2000 | Value |
|----------------------------|-----------------------------------|------------------|------------------------------------|
| | Mean Grain Size , D50 | 14,50 ± 1,50 | (µ) |
| | Top – Cut , D97 | 55,00 ± 8,0 | (µ) |
| | Volume % of particles below 2µ | 17,00 ± 1,0 | (%) |
| | Specific Surface Area | 1,60 ± 0,10 | (m ² /cm ³) |
| | Sieve Residue on 160µ (ISO 787-7) | < 0,1 | (%) |

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.