

**Product Specifications** Natural, ultra fine calcium carbonate manufactured from high purity and whiteness limestone.

**Raw Material** NiğDE

|                            |                                |          |
|----------------------------|--------------------------------|----------|
| <b>Chemical Properties</b> | CaCO <sub>3</sub>              | > 99,2 % |
|                            | MgCO <sub>3</sub>              | < 0,30 % |
|                            | Fe <sub>2</sub> O <sub>3</sub> | < 0,10 % |
|                            | SiO <sub>2</sub>               | < 0,10 % |
|                            | Al <sub>2</sub> O <sub>3</sub> | < 0,10 % |
|                            | HCl insoluble content          | < 0,10 % |

|                            |                      |                        |
|----------------------------|----------------------|------------------------|
| <b>Physical Properties</b> | Density (ISO 787-10) | 2,7 gr/cm <sup>3</sup> |
|                            | Hardness             | 3 Mohs                 |
|                            | Refractive Index     | 1,59                   |

|                           |  |             |
|---------------------------|--|-------------|
| <b>General Properties</b> | Lightness , L* (ASTM E-313) Elrepho 450X <sub>min.</sub> | 98 %        |
|                           | Brightness (Ry, DIN 53163) Elrepho 450X <sub>min.</sub>  | 96 %        |
|                           | Moisture-Exworks (ISO 787-2) max.                        | 0,3 %       |
|                           | pH (ISO 787-9)   | 9           |
|                           | Oil Absorption (ISO 787-5)                               | 22 g/100 g  |
|                           | Dop Absorption (ISO 787-5)                               | 37 g /100 g |
|                           | Packed Bulk Densty (ISO 787-11)                          | 0,8 g/ml    |

**Main Applications** Paper, paint, plastic, pvc granule, pvc profile and wick applications, cable, chemicals, rubber, insulation materials... etc.

**Packaging** 25 kg kraft paper bags, as bulk in big-bags.

#### Particle Size Distribution

|   |        |
|---|--------|
| d50 (mean particle size) max.           | 1,3 µm |
| d97 (top-cut) max.                      | 4 µm   |
| Under 2 µm particles(min.)              | 80 %   |
| Residue on 45 µm sieve (ISO 787-7) max. | 0,01 % |

