

**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)	20 g/100 g
	Dop Absorption (ISO 787-5)	31 g /100 g
	Packed Bulk Densty (ISO 787-11)	0,9 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.	1,6 µm
d97 (top-cut) max.	7,5 µm
Under 2 µm particles(min.)	60 %
Residue on 45 µm sieve (ISO 787-7) max.	0,01 %

