



Product Specifications Natural, ultra fine calcium carbonate manufactured from high purity and whiteness limestone. High technology surface coating is applied. (coated calcite)

Raw Material Niğde

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

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

General Properties	Lightness , L* (ASTM E-313) Elrepho 450X _{min.}	98 %
	Brightness (Ry, DIN 53163) Elrepho 450X _{min.}	96 %
	Moisture-Exworks (ISO 787-2) max.	0,3 %
	pH (ISO 787-9)	9
	Oil Absorption (ISO 787-5)	18 g/100 g
	Dop Absorption (ISO 787-5)	20 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 %

