

TOROSCARB® 3

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

Raw Material NIĞDE / TURKEY

Chemical Properties

CaCO ₃	> 99,5 %
MgCO ₃	< 0,20 %
Fe ₂ O ₃	< 0,01 %
SiO ₂	< 0,01 %
Al ₂ O ₃	< 0,02 %
HCl insoluble content	< 0,01 %

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-Ex.works (ISO 787-2) max.	0,3 %
pH (ISO 787-9)	9
Oil Absorption (ISO 787-5)	17 g/100 g
Dop Absorption (ISO 787-5)	32 g /100 g
Packed Bulk Densty (ISO 787-11)	1,2 g/ml

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

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

Particle Size Distribution

d50 (mean particle size)	2,8 µm
max.	
d97 (top-cut) max.	16 µm
Under 2 µm particles(min.)	41 %
Residue on 45 µm sieve (ISO 787-7) max.	0,01 %

