

UNCOATED CALCIUM CARBONATE

DURACARB 1

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

Raw Material Mined from NIGDE region of Turkey

Chemical Properties

CaCO ₃	>99.40%
MgCO ₃	<0.40%
Fe ₂ O ₃	<0.01%
SiO ₂	<0.01%
Al ₂ O ₃	<0.10%
HCL Insoluble content	<0.10%

Physical Properties

Density (ISO 787 -10)	2,7gr/cm ³
Hardness	3 mohs
Refractive Index	1.59

Main Application

Paper, paint plastic, PVC Granule, PVC profile and wick application, cable, chemicals, rubber, Insulation Materials

Packaging 25 Kg PP bags/ big bags

General Properties

Lightness, L* (ASTM-E-313) Elrepho 450Xmin	99%
Brightness(Ry, DIN 53163) Elrepho 450min	96-98%
Moisture-Exworks(ISO 787-2) Max	<0.1%
PH(ISO 787-9)	9
Oil Absorption(ISO 787-5) 1	18g/100g
DOP Absorption(ISO 787 -5)	34g/100g
Packed Bulk Density (ISO 787-11)	0,892 g/cm ³

Partical Properties

d50(mean particle size)	1,8μ
Max	
d97(top-cut) max	8μ
under 2μ Particles(min)	55%
Residue on 45μ Sieve (ISO 787-7) Max	0,01%