

UNCOATED CALCIUM CARBONATE

DURACARB 3

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	<0,01%
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	98%
Brightness(Ry, DIN 53163) Elrepho 450min	96%
Moisture-Exworks(ISO 787-2) Max	<0,1%
PH(ISO 787-9)	9
Oil Absorption(ISO 787-5) 1	17g/100g
DOP Absorption(ISO 787 -5)	32g/100g
Packed Bulk Density (ISO 787-11)	1.2 g/cm ³

Partical Properties

d50(mean particle size)	2,8μ
Max	
d97(top-cut) max	16μ
under 2μ Particles(min)	41%
Residue on 45μ Sieve (ISO 787-7) Max	0,01%