

COATED CALCIUM CARBONATE

DURACARB 3T

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

Raw Material Mined from NIGDE region of Turkey

Chemical Properties

CaCO ₃	>99.30%
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	98%
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	14g/100g
DOP Absorption(ISO 787 -5)	18g/100g
Packed Bulk Density (ISO 787-11)	1,1632 g/cm ³

Partical Properties

d ₅₀ (mean particle size)	2,8μ
Max	
d ₉₇ (top-cut) max	16μ
under 2μ Particles(min)	41%
Residue on 45μ Sieve (ISO 787-7) Max	0,01%