

COATED CALCIUM CARBONATE

DURACARB 5T

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
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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	13g/100g
DOP Absorption(ISO 787 -5)	18g/100g
Packed Bulk Density (ISO 787-11)	1,1157g/cm ³

Partical Properties

d50(mean particle size)	3,8μ
Max	
d97(top-cut) max	25μ
under 2μ Particles(min)	28%
Residue on 45μ Sieve (ISO 787-7) Max	0,1%