

COATED CALCIUM CARBONATE

DURACARB 1T

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)	18g/100g	
DOP Absorption(ISO 787 -5)	24g/100g	
Packed Bulk Density (ISO 787-11)	1,0665 g/cm ³	
Partical Properties		
d ₅₀ (mean particle size) Max	1,8μ	
d ₉₇ (top-cut) max under 2μ Particles(min)	8μ 55%	
Residue on 45μ Sieve (ISO 787-7) Max	0,01%	