



Oreworld trade (Tangshan) co., Ltd.

Light Calcium carbonate

Light Calcium Carbonate

[Light Calcium Carbonate](#) also named precipitated calcium carbonate. The manufactured process of light calcium carbonate is achieved by chemical synthesis. Because its settlement volume (2.4-2.8mL/g) is larger than that of the heavy calcium carbonate produced by mechanical method (1.1-1.9mL/g), it is called light calcium carbonate.

Light Calcium Carbonate Characteristics

- * The particle size is smaller than that of heavy calcium carbonate; Better fineness.
- * Better whiteness.
- * Less impurities; high purity.
- * The appearance is mainly spindle or spherical shape.
- * Good dispersion

Light Calcium Carbonate Main Applications

Light calcium carbonate has a wide range of functions and can be used in the following industries:

- 1) The rubber industry: calcium carbonate is one of the earliest largest filling agents used in the rubber industry.
- 2) Plastics industry: calcium carbonate play a great role in the stability of plastic products, improve the hardness of the products, and improve the surface gloss and surface smoothness of the products.
- 3) Paint industry
- 4) Water-based coatings industry

Light Calcium Carbonate Technical data

Index	specification
CaCO ₃ , % ≥	98
PH Value	9.0-10.0
105°C volatile content,% ≤	0.4
insoluble matter content of hydrochloric acid,% ≤	0.1
sedimentation, ml/g ≥	2.8
Residue:	
125um, % ≤	0.005
45um, % ≤	0.3
Fe content,% ≤	0.08
Mn content,% ≤	0.006
Whiteness≥	90



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Light Calcium Carbonate Packing:
By 25kgs PP. Bags.