

COATED CALCIUM CARBONATE- 625 MESH



General Information

Chemical Formula	CaCO ₃	CaCO₃
Synonym	Limestone	
Origin	Vietnam	
H.S. Code	2836.50.00	
CAS No.	471-34-1	
Molecular Weight	110.08 g mol ⁻¹	

Application

Polymer and plastic	It is used as a filler & extender agent in unplasticized polyvinyl chloride drain pipe, uPVC window profile and PVC cable for to improve mechanical & electrical properties and increase rigidity.
Rubber	It is used as a filler to enlarge the capacity and to increase tensile strength, abrasion and tearing strength of rubber
Paper	It is used to manufacture alkaline media paper to improve brightness, smoothness and opacity.
Paint	It is used as a extender, filler & coating agent in emulsion paint and powder coatings.
Other applications	It is also used in pharmaceuticals, oil drilling, food, ceramic, ink and toothpaste industries.

Specification

Property	Units	Value
Appearance		White crystalline powder
Calcium carbonate (as CaCO ₃)	%	98.5 (min)
Whiteness	%	96.5 (min)
Brightness	%	94 (min)
Iron oxide (as Fe ₂ O ₃)	%	0.01 (max)
Aluminium oxide (as Al ₂ O ₃)	%	0.04 (max)
Magnesium Oxide (as MgO)	%	0.16 (max)
Silicon oxide (as SiO ₂)	%	0.01 (max)
Acid Insoluble	%	0.15 (min)
Moisture	%	0.2 (max)
pH		8-9
Specific gravity	g/cm ³	2.65-2.70
Oil Absorption	g/100 g CaCO ₃	24 (min)
D50	µm	4.5 ± 0.5
D97	µm	20 ± 2

Packaging

- 1080 @ 25 kg PP/PE bags, 27 MT / 20' FCL
- 20 @ 1000 kg PP/PE bags, 20 MT / 20' FCL