

CCM 10-C SPECIFICATION



Calcium Carbonate Manufacturers Sdn Bhd produces homogeneous quality of calcium carbonate

Coated Calcium Carbonate Powder CCM10-C is very fine Calcium Carbonate powder surface treated with 1% Stearic Acid having a topcut of 10 μ m (1500mesh), manufactured from selected high grade limestone. It is characterized by high whiteness and consistent fine particle size. It is surface - treated to make the particles completely hydrophobic for ease of dispersion, improved processing characteristics and minimal moisture uptake.

CHEMICAL ANALYSIS OF RAW MATERIAL

Calcium Carbonate	≥	98.5 %
Magnesium Carbonate	≤	1.5 %
Iron Oxide	≤	0.03 %
Acid Insoluble	≤	0.2 %

PHYSICAL PROPERTIES OF RAW MATERIAL

Density (ISO 787/10)		2.7
Refractive Index		1.59
Hardness (Mohs)		3

PHYSICAL PROPERTIES OF PRODUCT

Fineness :

Top Cut (d98%)*		10 μ m
Mean Particle Size (d50%)*		2.5 μ m
Residue on 45 μ m sieve		Tr
Brightness		94 %
Moisture Content		≤ 0.2 %
Loose Bulk Density		0.9 g/ml
Packed Bulk Density		1.1 g/ml
Oil Absorption		16.5 g/100g
DOP Absorption		16.6 g/100g

* Measured on untreated material

The above represented our standard product specification. We are able to tailor-made according to client requirement specification. The topcut & mean particle size might have tolerance of $\pm 1\mu$ m measured by *OMEC POPIII Laser particle Analyser*.



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