

# CCM 8 SPECIFICATION



Calcium Carbonate Manufacturers Sdn Bhd produces homogeneous quality of calcium carbonate

**Ground Calcium Carbonate Powder** CCM8 is very fine Calcium Carbonate powder having a topcut of 8 $\mu$ m (2000mesh), manufactured from selected high grade limestone. It is characterized by high whiteness and consistent fine particle size.

## CHEMICAL ANALYSIS OF RAW MATERIAL

Calcium Carbonate	$\geq$	98.5 %
Magnesium Carbonate	$\leq$	1.5 %
Iron Oxide	$\leq$	0.03 %
Acid Insoluble	$\leq$	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 (d97%)*		8 $\mu$ m
Mean Particle Size (d50%)*		2.0 $\mu$ m
Residue on 45 $\mu$ m sieve		Tr
Brightness		93 %
Moisture Content		$\leq$ 0.2 %
Loose Bulk Density		0.6 g/ml
Packed Bulk Density		1.0 g/ml
Oil Absorption		18 g/100g
DOP Absorption		29 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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