

# CCMPREcarb 10 SPECIFICATION



Calcium Carbonate Manufacturers Sdn Bhd produces homogeneous quality of calcium carbonate.

## Precipitated Calcium Carbonate Powder

**CCMPREcarb10** is very fine Precipitated Calcium Carbonate powder, manufactured with our high-tech facilities from selected high grade limestone. It is characterized by high whiteness and consistent fine particle size. It is suitable for pharmaceutical usage.

### CHEMICAL ANALYSIS OF PRODUCT

Calcium Carbonate	≥	98 %
Magnesium Carbonate	≤	0.7 %
Iron	≤	0.08 %
Acid Insoluble Substances	≤	0.05 %
Manganese (Mn)	≤	0.001%

### 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%)* laser particle analyzer		10 μm
Mean Particle Size (d50%)*		3.5 μm
Residue on 45 μm sieve		0.001%
Brightness R <sub>457</sub>		96 %
Moisture Content		≤ 0.2 %
Oil Absorption		50±5g/100g
PH Value <i>tested based on 10% Solidquit</i>		9.8±0.5

\* Measured on untreated material

*Remarks: TopCut and Mean Particle Size have a tolerance value of ±1μm*

The above represented our standard product specification. We are able to tailor-made according to client requirement specification.



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