

MICROVER CP4

ULTRAMICRONIZED CALCIUM CARBONATE

CHEMICAL ANALYSIS

Insoluble in Hydrochloric Acid	1,70%
Ferric Oxide	0,06%
Aluminum Oxide	0,10%
Calcium Oxide	54,50%
Magnesium Oxide	0,80%
Calcination Loss	43,79%
Calcium Carbonate	97,32%
Magnesium Carbonate	1,67%

PHYSICAL ANALYSIS

Dry Whiteness (%)	94,00
Bulk Density of Milled Material (g/cm ³)	0,62
Water-insoluble Compounds (%)	1,25
Specific Gravity (g/cm ³)	2,70
MOHS Hardness	3
Color after Calcination Process	White
Moisture (105°) (%)	0,05
Mean particle size	4µm

Since it is a natural product, the mineral may present minor changes in its composition.

PARTICLE SIZE DISTRIBUTION TABLE

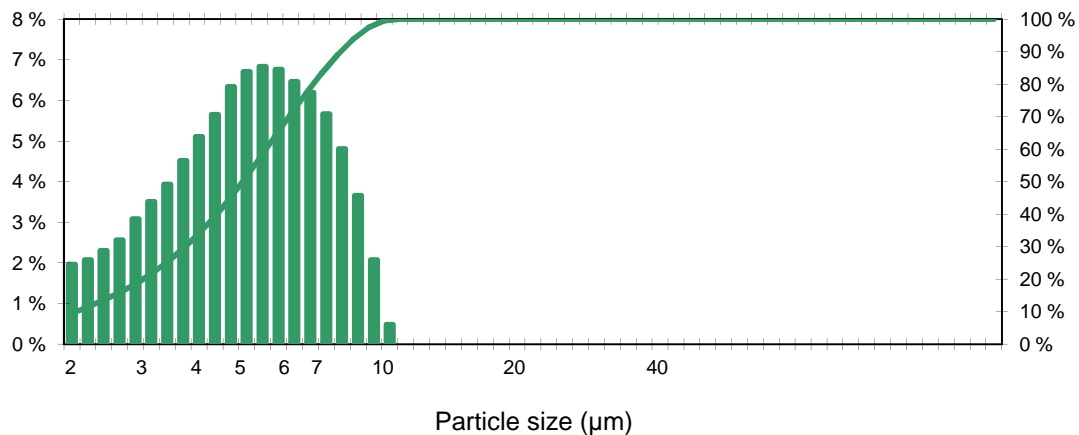
High Size	Under %	High Size	Under %	High Size	Under %	High Size	Under %	High Size	Under %	High Size	Under %
188	100,00	84,5	100,00	38,0	100,00	17,1	100,00	7,69	97,45	3,46	33,32
175	100,00	78,6	100,00	35,4	100,00	15,9	100,00	7,15	93,80	3,20	28,81
163	100,00	73,1	100,00	32,9	100,00	14,8	100,00	6,65	89,00	2,99	24,88
151	100,00	68,0	100,00	30,6	100,00	13,7	100,00	6,18	83,34	2,78	21,38
141	100,00	63,2	100,00	28,4	100,00	12,8	100,00	5,75	77,15	2,59	18,30
131	100,00	58,8	100,00	26,4	100,00	11,9	100,00	5,35	70,69	2,40	15,74
122	100,00	54,7	100,00	24,6	100,00	11,1	100,00	4,97	63,93	2,24	13,44
113	100,00	50,8	100,00	22,9	100,00	10,3	100,00	4,62	57,10	2,08	11,37
105	100,00	47,3	100,00	21,3	100,00	9,56	100,00	4,30	50,40	1,93	9,41
97,8	100,00	44,0	100,00	19,8	100,00	8,89	100,00	4,00	44,07		
90,9	100,00	40,9	100,00	18,4	100,00	8,27	99,52	3,72	38,42		

D [v, 0,9]
6,74 µm

D [v, 0,5]
4,26 µm

D [v, 0,1]
1,97 µm

PARTICLE SIZE DISTRIBUTION GRAPHIC CHART



MAIN USES

It is used as a mineral filler in plastic coatings and in PVC, achieving great impact resistance in these.

COMMENTS

It is a natural Calcium Carbonate with high purity and of sedimentary origin.



Quality Management System Certificate