



**PRODUCT INFO  
& DATASHEET**

# MICRONIZED CALCIUM CARBONATE

## 1/ Chemical Composition

CaCO <sub>3</sub>	98.96	%
MgCO <sub>3</sub>	0.59	%
Al <sub>2</sub> O <sub>3</sub>	0.045	%
Fe <sub>2</sub> O <sub>3</sub>	0.044	%
Sn	< 0.001	%
Pb	< 0.001	%
Cd	< 0.0001	%
Mn	0.0041	%
Cu	< 0.0001	%
SiO <sub>2</sub>	0.12	%
Loss of weight on calcination	43.3	%

Measured by I.C.P.

## 2/ Physical Characteristics

Granulometry		Method	
Statistic mean diameter	9 µm	Mastersizer S	
D50	6 µm	Mastersizer S	
45 µm residue on sieve	<1 %	ISO 787R/7	
200 µm residue on sieve	<0.01 %		
Whiteness		Spectraflash S450	
	Dry	DOP	
L	96.0	74.0	
a	-0.3	-0.9	
b	4.5	12.0	
Moisture		<0.1 %	ISO 787R/2
pH (aqueous sol. 10 %)		9.0	ISO 787R/9
Oil absorption	18 g/100g CaCO <sub>3</sub>		ISO 787R/5
DOP absorption	30 g /100 g CaCO <sub>3</sub>		ISO 787R/5
Specific surface area		1.4m <sup>2</sup> /g	B.E.T.
Bulk density (unstamped)		1 Kg/L	ISO 787R/11

## 3/ Main applications:

Rubber, wrapping paper, gel coat, PVC carpet backing, economic matte paints, mastics, foodstuff, powder soap, ceramics, asphaltic mesh, fertiliser

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