



Micronized Calcium Carbonate

Main applications:

Matt emulsion decorative paints, thermoset polyesters (SMC, BMC), alkaline paper making (kraft liner, test liner, bico), synthetic marble, acrylic sealants, chewing gum, foodstuff.

Chemical Composition

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

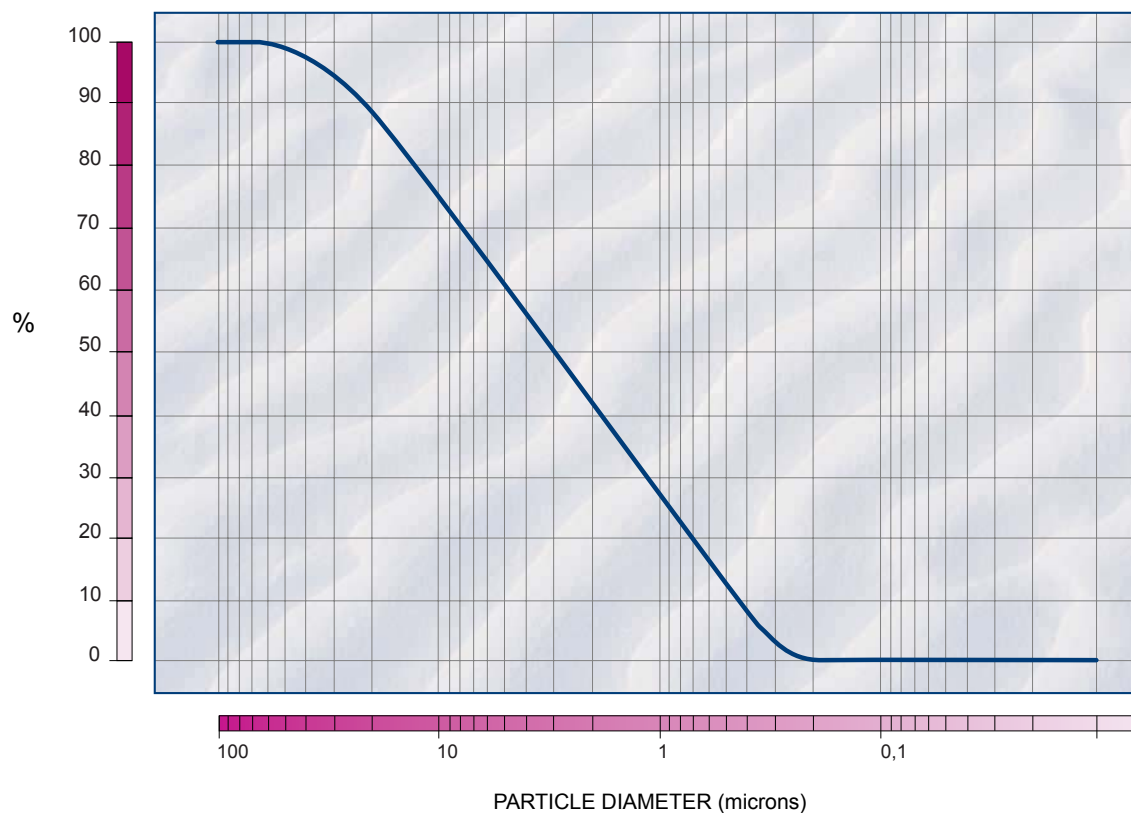
Measured by I.C.P.

Physical Characteristics

Method

Granulometry			Method	
Statistic mean diameter	5.5 µm			Mastersizer S
D 50	3 µm		Mastersizer S	
45 µm Sieve retention	< 0.1 %		ISO 787R/7	
Whiteness		Dry	DOP	Spectraflash SF450
L	97.5	77.8		
a	-0.2	-1.0		
b	2.7	9.4		
Moisture		< 0.1%		ISO 787R/2
pH (aqueous sol. 10%)		9.0		ISO 787R/9
Oil Absorption		16 g/100 g CaCO ₃		ISO 787R/5
DOP Absorption		29 g/100 g CaCO ₃		ISO 787R/5
Specific surface area		2.7 m ² /g		B.E.T.
Bulk density (untamped)		0.75 Kg/l		ISO 787R/11

GRANULOMETRIC DISTRIBUTION



All data here presented are average values representative of the production and hence they are provided for information purposes only and can not be considered contractual. The product conforms to the requirements of the Food Chemical Codex and the BGA (Germany).

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