



Micronized Calcium Carbonate

Main applications:

Cables, rubber blends, chewing gum, foodstuff, mastics, acrylic sealants, plastisols, insecticides, fire extinguishers, gel coat.

Chemical Composition

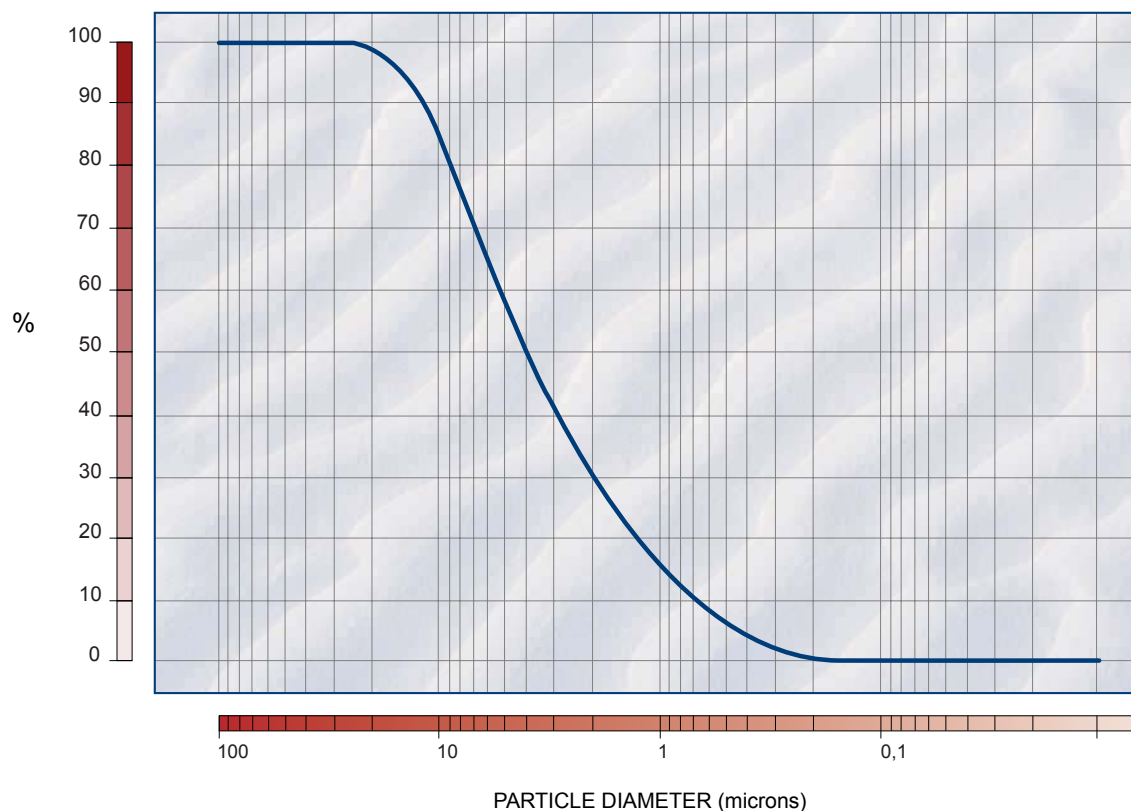
CaCO ₃	98.96 %
MgCO ₃	0.59 %
Al ₂ O ₃	0.045 %
Fe ₂ O ₃	0.044 %
Sn	< 0.001 %
Pb	< 0.001 %
Cd	< 0.0001 %
Mn	0.0041 %
Cu	< 0.0001 %
SiO ₂	0.12 %
Loss of weight on calcination	43.3 %
<i>Measured by I.C.P.</i>	

Physical Characteristics

Method

Granulometry			Mastersizer S ISO 787R/7	
Statistic mean diameter	5 µm			
D 50	4 µm			
45 µm Sieve retention	< 0.1 %			
Whiteness		Dry	DOP	Spectraflash SF450
L	96.4	74.0		
a	-0.3	-0.6		
b	4.0	11.0		
Moisture		< 0.1%		ISO 787R/2
pH (aqueous sol. 10%)		9.0		ISO 787R/9
Oil Absorption		20 g/100 g CaCO ₃		ISO 787R/5
DOP Absorption		32 g/100 g CaCO ₃		ISO 787R/5
Specific surface area		1.7 m ² /g		B.E.T.
Bulk density (untamped)		0.85 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).