



BL-50

Micronized Calcium Carbonate Calcite - Barcelona

Main applications:

Rubbers, wrapping paper, gel coat, PVC carpet backing, economic matt paints, mastics, foodstuff, powder soap, ceramics, asphaltic mesh.

Chemical Composition

CaCO ₃	98.5 %
MgCO ₃	1.0 %
Al ₂ O ₃	< 0.05 %
Fe ₂ O ₃	< 0.05 %
Sn	< 1 ppm
Pb	< 1.5 ppm
Cd	< 1 ppm
Mn	< 0.005 %
Cu	< 1 ppm
SiO ₂	< 0.1 %
Loss of weight on calcination	43.3 %

Measured by I.C.P.

Physical Characteristics

Method

Granulometry

D (4,3)	9 µm	Mastersizer S
D 50	6 µm	Mastersizer S
200 µm Sieve retention	< 0.01 %	ISO 787R/7
45 µm Sieve retention	< 0.00 %	

Whiteness

	Dry	Dop	Method
L	96.00	74.00	Spectraflash SF450
a	- 0.30	- 0.90	
b	4.50	12.00	

Moisture	< 0.1 %	ISO 787R/2
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pH (aqueous sol. 10%)	9.0	ISO 787R/9
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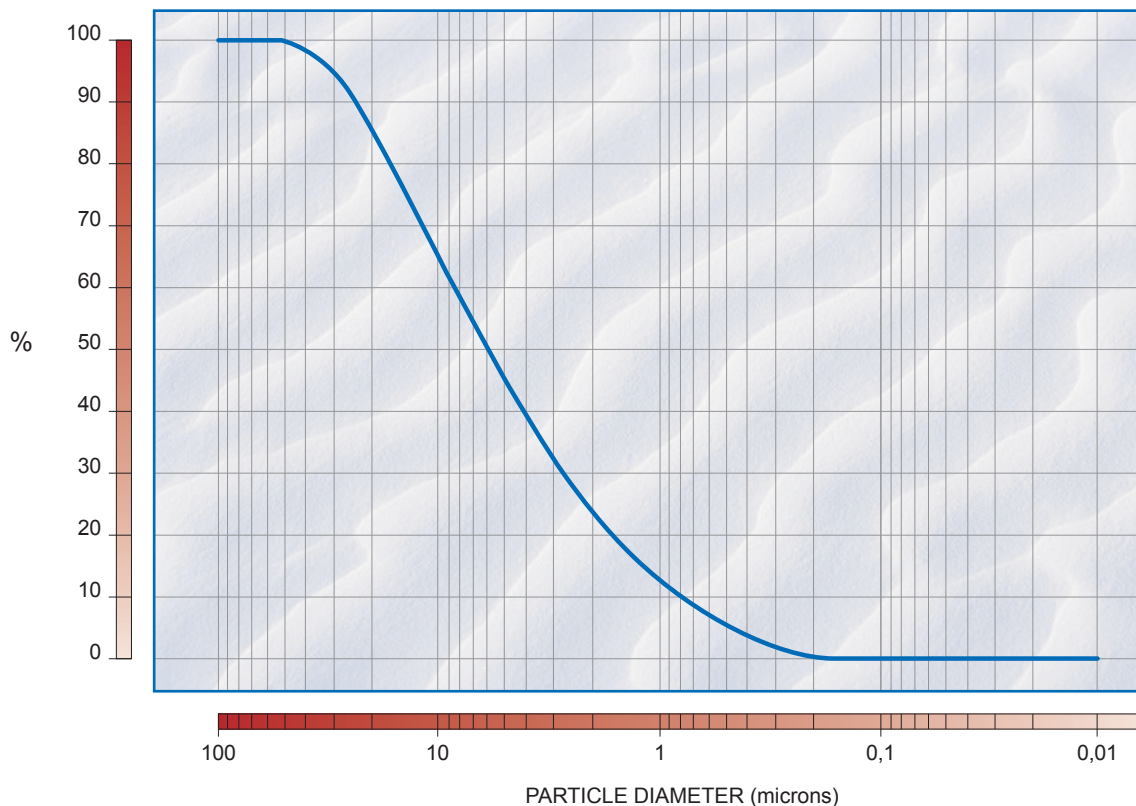
Oil Absorption	18 g/100 g CaCO ₃	ISO 787R/5
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DOP Absorption	30 g/100 g CaCO ₃	ISO 787R/5
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Specific surface area	1.4 m ² /g	B.E.T.
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Bulk density (untamped)	1 Kg/l	ISO 787R/11
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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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