



micral[®] 10

Micronized Calcium Carbonate

Main applications:

Matt emulsion decorative paints, rubber, greenhouse shading, carpet backing, floor coverings, acoustic isolation, mastics, synthetic marble, tempera, glues.

Chemical Composition

CaCO ₃	98.84 %
MgCO ₃	0.87 %
Al ₂ O ₃	0.057 %
Fe ₂ O ₃	0.011 %
Sn	< 0.001 %
Pb	< 0.001 %
Cd	< 0.0001 %
Mn	0.0074 %
Cu	< 0.0001 %
SiO ₂	0.10 %
Loss of weight on calcination	43.7 %

Measured by I.C.P.

Physical Characteristics

Method

Granulometry

Statistic mean diameter	8.0 µm	Mastersizer S
D 50	4.8 µm	Mastersizer S
45 µm Sieve retention	< 0.1 %	ISO 787R/7

Whiteness

Dry

DOP

Spectraflash SF450

L	97.7	79.0
a	-0.05	-0.7
b	1.1	4.3

Moisture	< 0.1%	ISO 787R/2
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pH (aqueous sol. 10%)	9.0	ISO 787R/9
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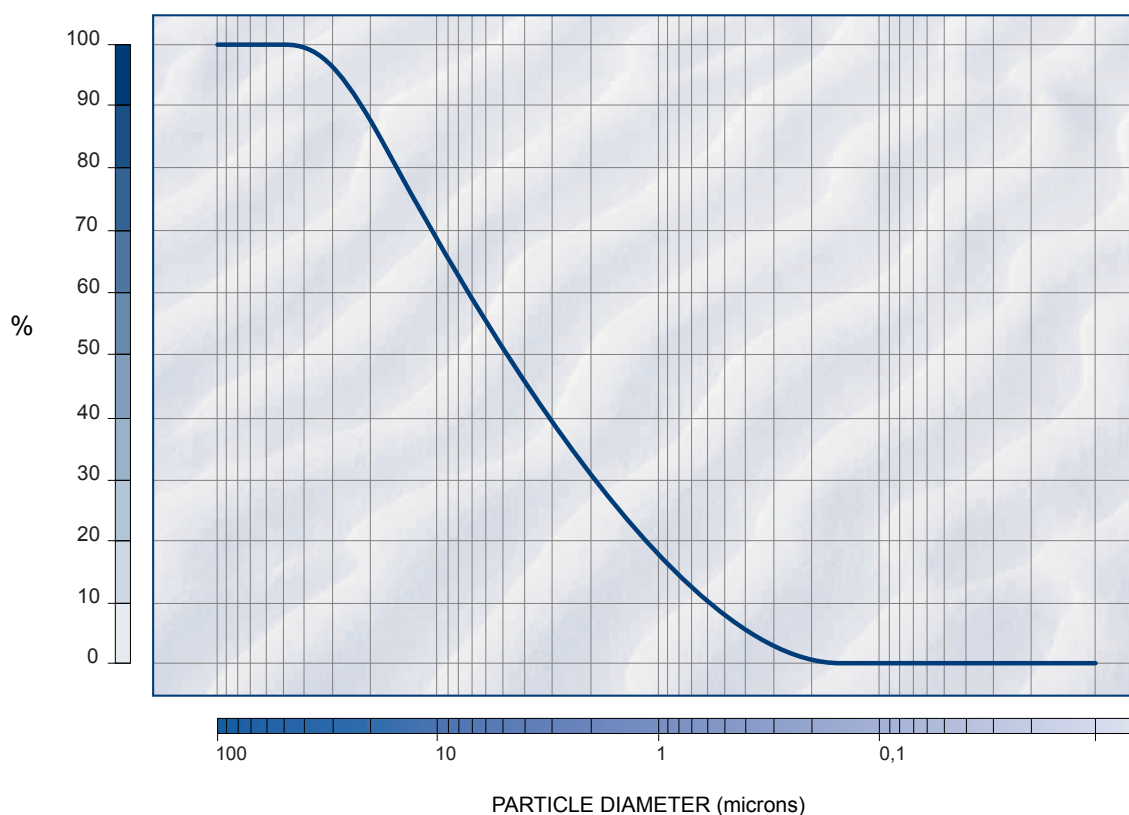
Oil Absorption	18 g/100 g CaCO ₃	ISO 787R/5
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DOP Absorption	31 g/100 g CaCO ₃	ISO 787R/5
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Specific surface area	2 m ² /g	B.E.T.
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Bulk density (untamped)	0.85 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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