



micral[®] 2

Micronized Calcium Carbonate

Main applications:

Matt emulsion decorative paints, thermoset polyesters (SMC,BMC), injection moulding of PP, antiblock and antislip PE bags, BOPP, powder coatings, alkaline papermaking (offset, multipurpose, Kraft liner, test liner, bico), synthetic marble, acrylic sealants, food additive.

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	3.6 µm	Mastersizer S
D 50	2.0 µm	Mastersizer S
45 µm Sieve retention	< 0.1 %	ISO 787R/7

Whiteness

	Dry	DOP
L	98.0	80.0
a	-0.02	-0.7
b	1.1	4.0
TAPPI	94.5	

Moisture	< 0.1%	ISO 787R/2
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pH (aqueous sol. 10%)	9.0	ISO 787R/9
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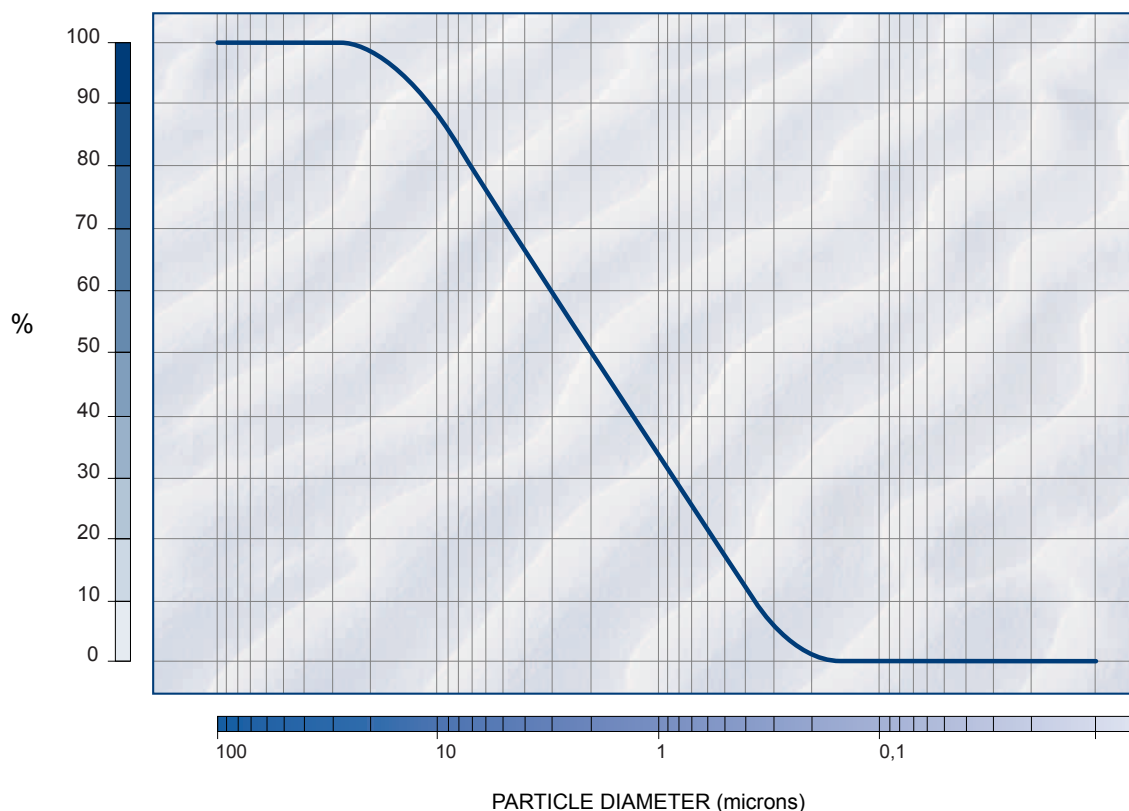
Oil Absorption	20 g/100 g CaCO ₃	ISO 787R/5
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DOP Absorption	36 g/100 g CaCO ₃	ISO 787R/5
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Specific surface area	3.6 m ² /g	B.E.T.
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Bulk density (untamped)	0.70 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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