



micral® OPAC EXTRA

Ultramicronized Calcium Carbonate

White Marble - Almería

Main applications:

Matt and glossy emulsion decorative paints, printing inks, silicone mastics, matt and glossy enamels.

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

D 50	0.8 µm	Mastersizer S
D 100	5.0 µm	Mastersizer S
45 µm Sieve retention	< 0.01 %	ISO 787R/7

Whiteness

	Dry	DOP	Spectraflash SF450
L	98.5	81.0	
a	0.0	-0.5	
b	0.6	4.0	

Moisture	< 0.1%	ISO 787R/2
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pH (aqueous sol. 10%)	9.0	ISO 787R/9
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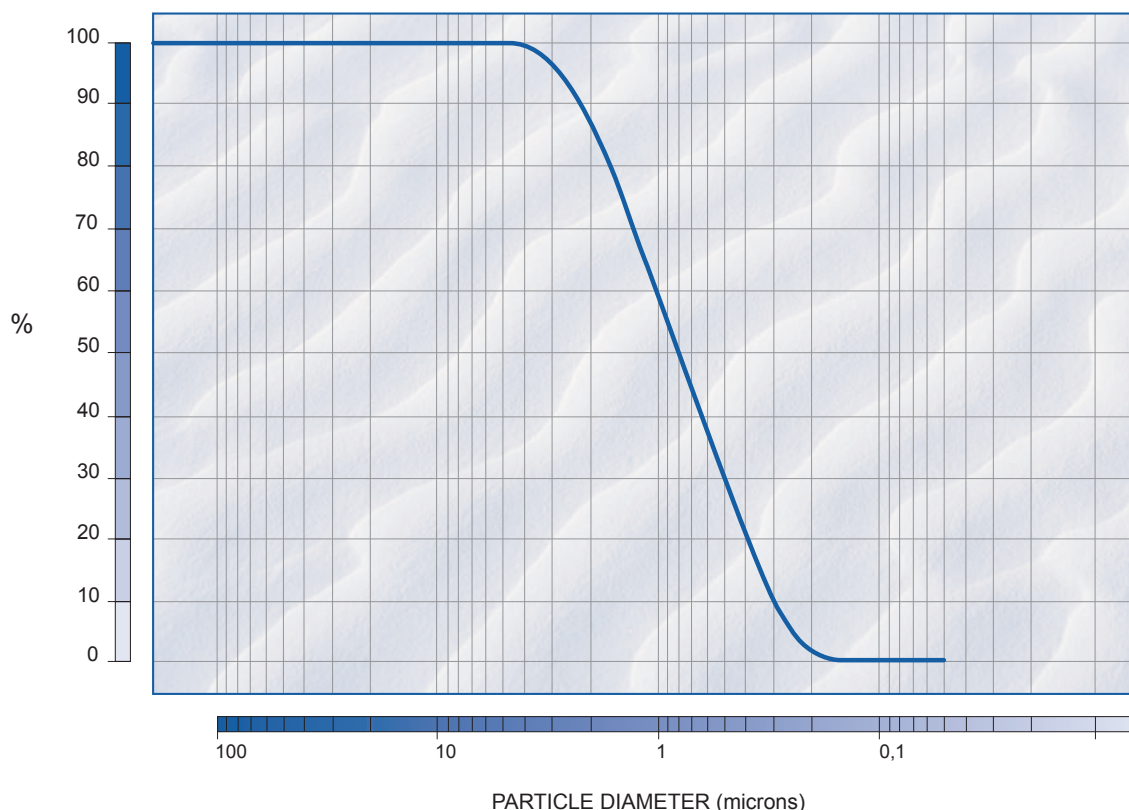
Oil Absorption	25 g/100 g CaCO ₃	ISO 787R/5
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DOP Absorption	54 g/100 g CaCO ₃	ISO 787R/5
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Specific surface area	8.0 m ² /g	B.E.T.
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Bulk density (untamped)	0.55 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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