



microcarb[®] WM1T

Ultramicronized and treated Calcium Carbonate

Calcite - Barcelona

Main applications:

Rigid PVC extrusion (profiles, pipes, blinds), communication and car cables, polyurethane and polychloroprene adhesives, silicone and polysulphide sealants, rubber processing aid, glossy enamels, plastisols.

Chemical Composition (Before treatment)

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 %

Measured by I.C.P.

Physical Characteristics

Method

Granulometry

Top cut	6 µm	Mastersizer S
Below 2µm	80% µm	Mastersizer S
D 50	0.9 µm	Mastersizer S
45 µm Sieve retention	< 0.01 %	ISO 787R/7

Whiteness

Dry

DOP

Spectraflash SF450

L	97.7	79.0
a	-0.1	-0.6
b	2.1	9.3

Moisture	< 0.1%	ISO 787R/2
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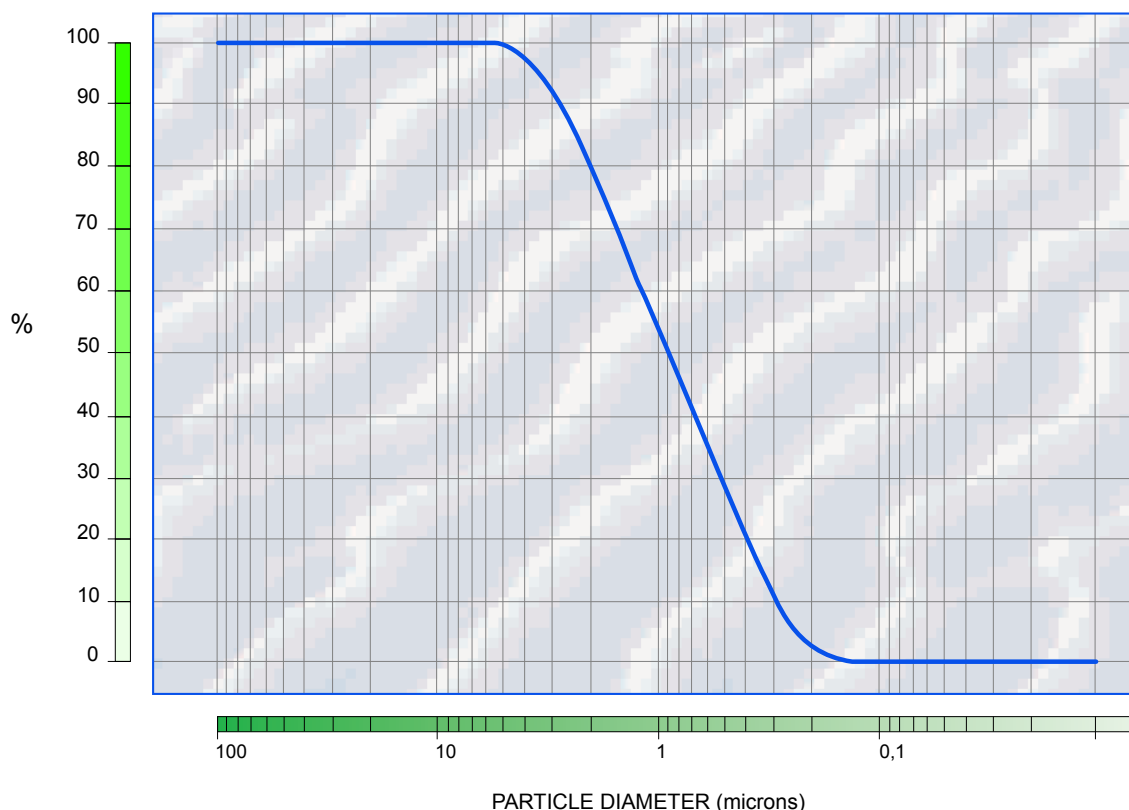
Oil Absorption	17 g/100 g CaCO ₃	ISO 787R/5
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DOP Absorption	26 g/100 g CaCO ₃	ISO 787R/5
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Specific surface area	9.0 m ² /g	B.E.T.
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Bulk density (untamped)	0.60 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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