



micral[®] 3T

Micronized and treated Calcium Carbonate

White Marble - Almeria

Main applications:

Rigid PVC extrusion (profiles, pipes, conduits, venetian blind), injection moulding of PVC fittings, PVC masterbatches, PE and PP masterbatches, rubber blends, injection moulding of PP, BOPP, antiblock and antislip PE bags, silicone sealants.

Chemical Composition (Before treatment)

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

Spectraflash SF450

L	97.7	79.0
a	0.0	-0.7
b	1.2	5.0

Moisture	< 0.1%	ISO 787R/2
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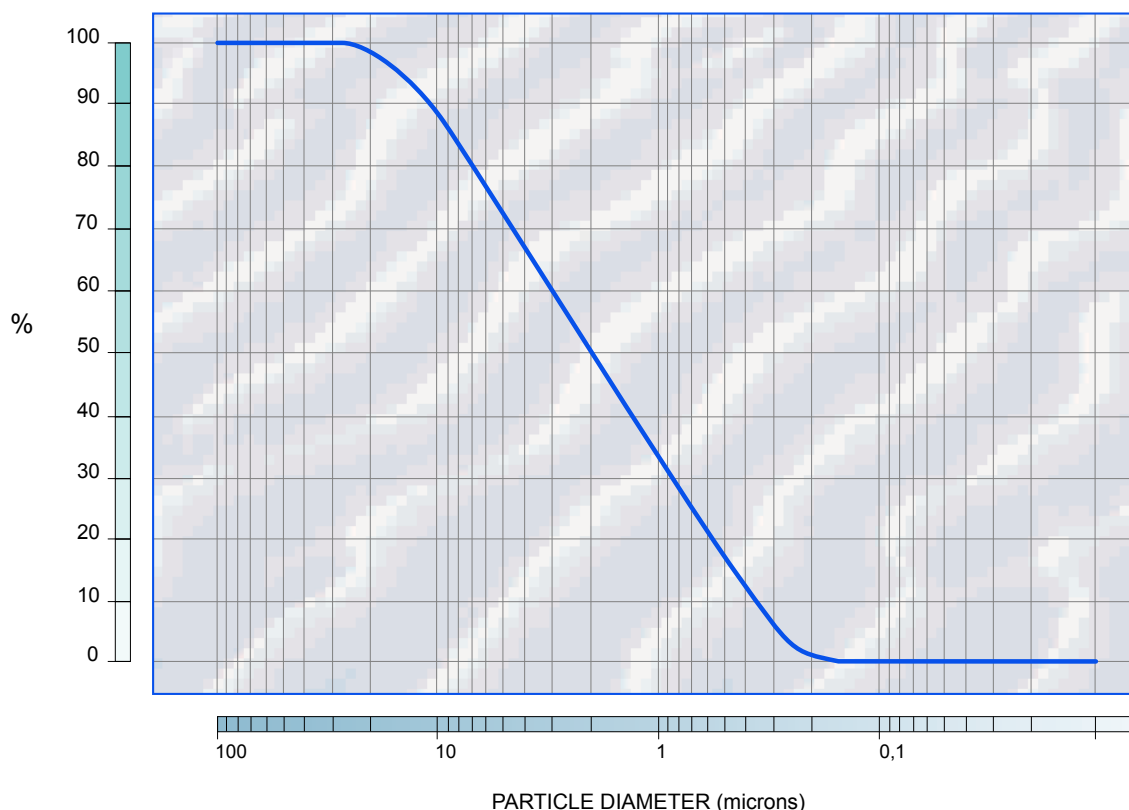
Oil Absorption	16 g/100 g CaCO ₃	ISO 787R/5
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DOP Absorption	20 g/100 g CaCO ₃	ISO 787R/5
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Specific surface area	3.5 m ² /g	B.E.T.
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Bulk density (untamped)	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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