



microcarb® 60T

Micronized and treated Calcium Carbonate

Main applications:

Rigid PVC extrusion (profiles, pipes, blinds), PVC masterbatches, cables for auto motion, injection moulding of PVC fittings, PE and PP masterbatches, matt enamels, epoxy-polyurethane paints, 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

Statistic mean diameter	2 µm	Mastersizer S
D 50	1.35 µm	Mastersizer S
45 µm Sieve retention	< 0.1 %	ISO 787R/7

Whiteness

Dry

DOP

Spectraflash SF450

L	97.5	78.0
a	-0.1	-0.7
b	2.5	9.8

Moisture	< 0.1%	ISO 787R/2
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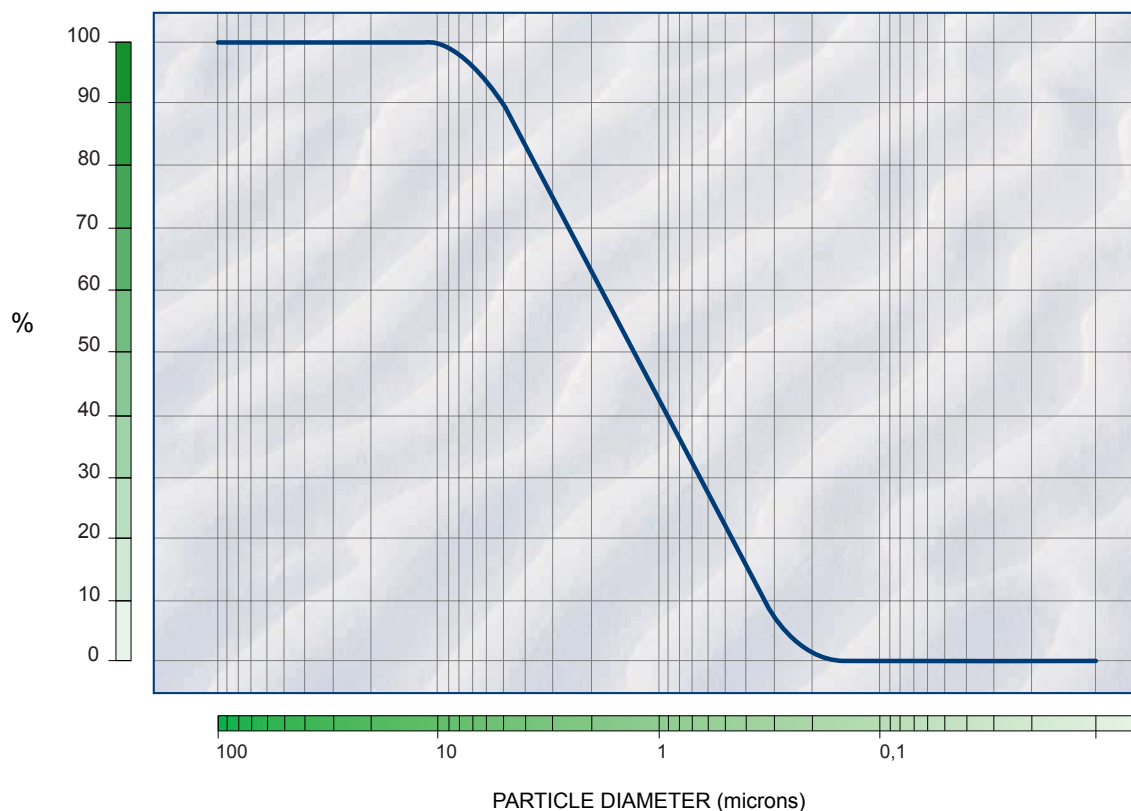
Oil Absorption	16 g/100 g CaCO ₃	ISO 787R/5
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DOP Absorption	20 g/100 g CaCO ₃	ISO 787R/5
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Specific surface area	6.0 m ² /g	B.E.T.
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Bulk density (untamped)	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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