



microcarb[®] LB 10T

Micronized and treated Calcium Carbonate

Main applications:

Rigid PVC extrusion (profiles, pipes, blinds), injection moulding of PVC fittings, PVC, PE and PP masterbatches, PP raffia, PP injection moulding, matt enamels, plastisols, rubber blends.

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 %

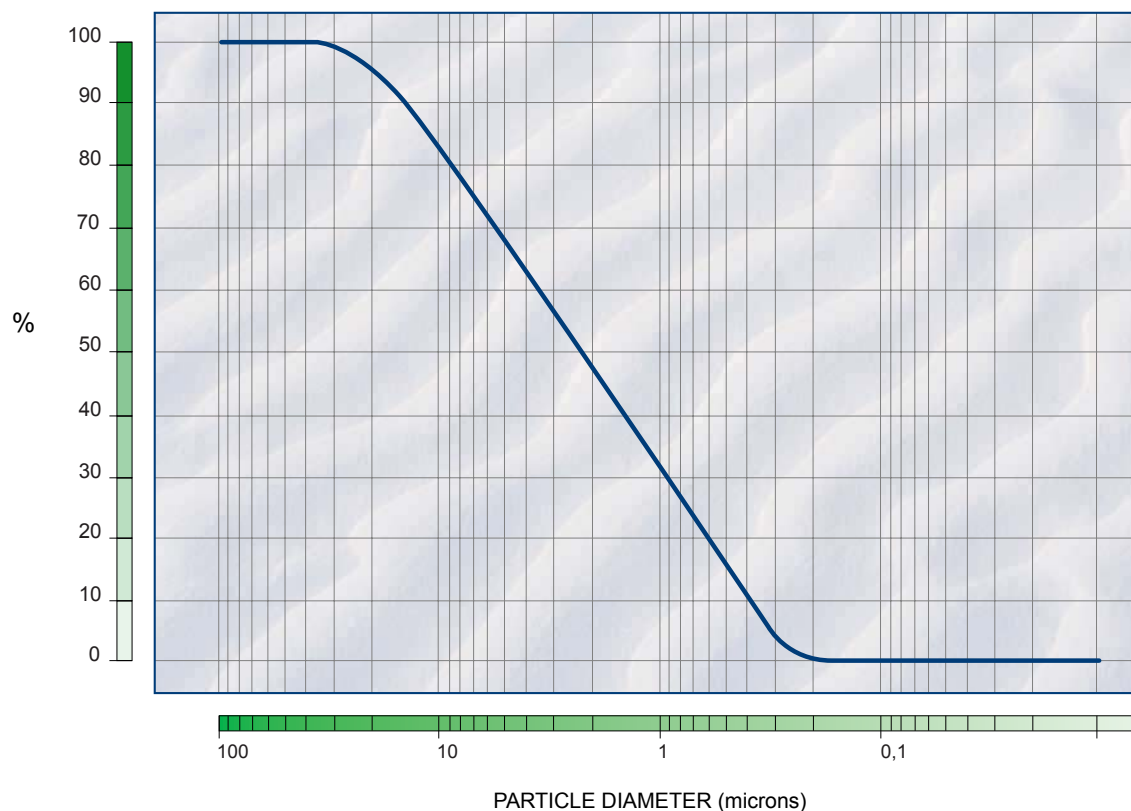
Measured by I.C.P.

Physical Characteristics

Method

Granulometry			Method	
Statistic mean diameter	4.2 µm			Mastersizer S
D 50	2.3 µm		Mastersizer S	
45 µm Sieve retention	< 0.1 %		ISO 787R/7	
Whiteness		Dry	DOP	Spectraflash SF450
L	97.3	77.5		
a	-0.1	-0.7		
b	2.8	10.5		
Moisture		< 0.1%		ISO 787R/2
Oil Absorption	14 g/100 g CaCO ₃			ISO 787R/5
DOP Absorption	17 g/100 g CaCO ₃			ISO 787R/5
Specific surface area	3.2 m ² /g			B.E.T.
Bulk density (untamped)	0.79 Kg/l			ISO 787R/11

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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