

## MICROBLANCO MACAEL 20

### Description:

The Microblanco Macael 20 is micronized natural calcium carbonate from White marble characterized by its extreme whiteness and purity.

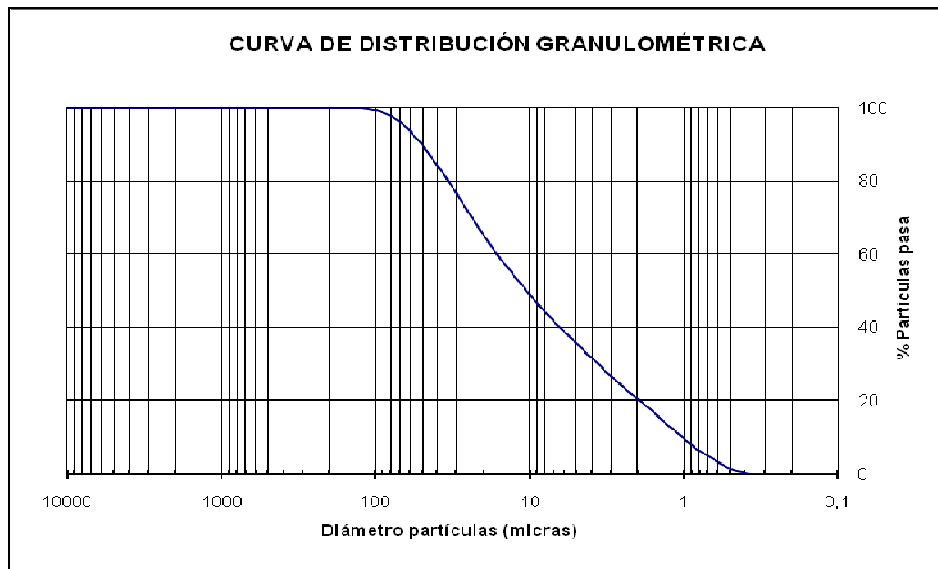
Chemical composition	
CaCO <sub>3</sub>	> 98.0 %
MgCO <sub>3</sub>	< 1.5 %
Fe <sub>2</sub> O <sub>3</sub>	< 0.2 %
Al <sub>2</sub> O <sub>3</sub>	< 0.1 %
SiO <sub>2</sub>	< 0.2 %

Physical Characteristics	
Specific gravity (ISO 787/10)	2.7gr/cm <sup>3</sup>
Tamped Apparent density (ISO 787/11)	1.2 gr/cm <sup>3</sup>
DOP Absorption (ISO 787/5)	28 gr/100 gr
Oil Absorption (ISO 787/5)	14 gr/100 gr
pH in water solution (pHmeter)	9
Granulometry <sup>1</sup>	
d10	< 3.0 μm
d50	14.0 ± 6.5 μm
d90	45.0 ± 15.0 μm
Statistic mean diameter	19.0 μm
Top cut (d 98 %)	80.0 ± 10.0 μm
< 2 μm particle min.	20 %
Colorimetria <sup>2</sup>	
Whiteness Index CIELAB	97.5-99.0
Yellowness Index CIELAB	<1.5

### Principal Applications:

Paint, enamel, plastics,  
Rubber, glue, sealants, etc.

- (1) Analizide on: Masterziser 2000  
(2) Analizide on: Datacolor SF 450



This analysis reflects an average across data obtained during production. This data is only for your information. TRITURADOS BLANCO MACAEL, S.A. reserve the right to modify this document.

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