

MICRONIC P80 A

Natural Micronized Calcium Carbonate Suspension

Physical Characteristics

Mineral density	2,7 g/cm ³
Refractive Index	1,59
Hardness (Mohs)	3

Product Description

Equipment - Method

Solid Concentration	74% ± 1%	Moisture Analyzer AND MX-50
Density	1,85 – 1,89 g/cm ³	Density Table
Brightness L	≥ 96	Minolta Spectrophometer CM-25CG according to Norm T534 p, 92
b*	≤ 1,3	
Viscosity	200 - 350 cp	ArcaneViscometer
ph	9,0 – 10,5	ph Meter Ohaus ST-2100F
Bacteriological Control	No Controlado	Plate Counting Method
Residue on #325	< 0,01 %	*
Particles d < 2 µm	77 - 80%	Size Particles Analyzer Sedigraph III
Medium Diameter (d50%)	≤ 1,85 µm	
Top Cut (d 98%)	≤ 5,8 µm	

Combined Report

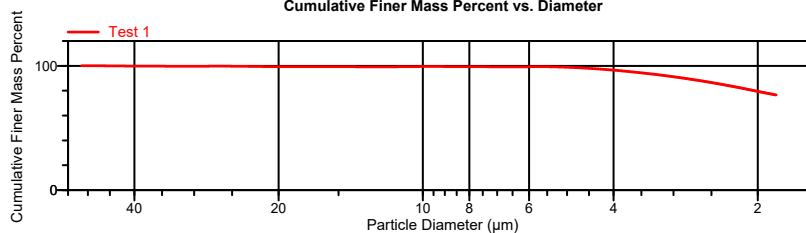
Report by Size Table

Low Diameter (µm)	Cumulative Mass Finer (Percent)	Out of Spec (-%<, +%>)	Difference From Reference (% Finer)	Cum. Mass Standard Deviation (1 tests)
2.000	80.0	56.5	59.1	0.0

Report by Mass Percent

Low Diameter (µm)	Cumulative Mass Finer (Percent)	Out of Spec (-%<, +%>)	Difference From Reference (% Finer)	Cum. Mass Standard Deviation (1 tests)
4.505	98.0	31.6	33.8	0.0
1.830	50.0	29.3	31.8	0.0

Cumulative Finer Mass Percent vs. Diameter



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Presentation

It is presented as a calcium carbonate suspension provided in bulk in a tanker truck of stainless steel or coated with epoxy, equipped for its discharge with valves of 3" .

Storage Conditions

It is recommended to storage the product in a tank, have in mind that 28 tons are equal to 15000 liters approx.

The tank must be of stainless steel or carbon steel protected on its interior with epoxy.

The pipes, valves and couplers must be of 3" .

The tank must count with an agitation system for the periodic movement of the product. It is recommended to agitate the product as a minimum of 20-30 minutes every 8 hours.

Pumping

For the pumping of this type of product it is usually used pneumatic pumps of 3" (double diaphragm) with 2.5kg/cm² of pressure. Due to the product characteristics, it is recommended that the pump-pipe circuit has a mesh filter N^o 35.