

MICRONIC P90 M

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 | < 100 ufc | Plate Counting Method |
| Residue on #325 | < 0,01 % | * |
| Particles d < 2 µm | 87 - 90 % | Size Particles Analyzer Sedigraph III |
| Medium Diameter (d50%) | ≤ 1,0 µm | |
| Top Cut (d 98%) | ≤ 4 µm | |

Combined Report

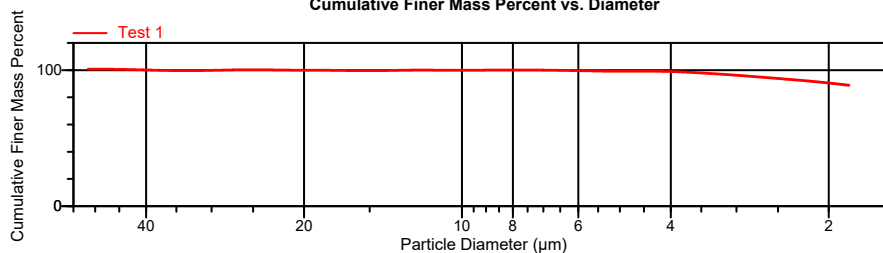
Report by Size Table

| Low Diameter (µm) | Cumulative Mass Finer (Percent) | Out of Spec (-%<,+%>) | Difference From Reference (% Finer) | Cum. Mass Standard Deviation (1 tests) |
|-------------------|---------------------------------|-----------------------|-------------------------------------|--|
| 2.000 | 90.5 | 67.5 | 70.1 | 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) |
|-------------------|---------------------------------|-----------------------|-------------------------------------|--|
| 3.529 | 98.0 | 49.9 | 52.7 | 0.0 |
| 1.003 | 50.0 | 29.3 | 31.8 | 0.0 |

Cumulative Finer Mass Percent vs. Diameter



Elaborated: Macarena Vera
Responsible Of Quality Control
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Quality Manager
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Approved: Ing. Julio Corengia
Industrial Manager
Date: 01/06/2020



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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.