

AVGIL

AVGIL 510 - 1103

AVGIL 510 is a natural fine calcium carbonate powder produced in a unique process from selected raw materials of high purity and whiteness.

CHEMICAL ANALYSIS (raw material)

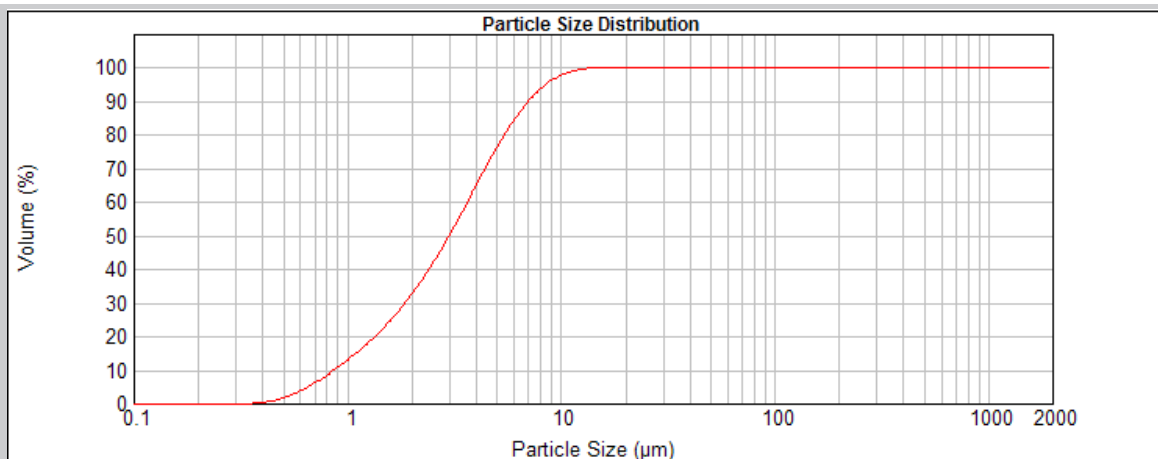
Calcium carbonate - CaCO ₃	99.2%
Silica - SiO ₂	0.20%
Magnesium Oxide - MgO	0.06%
Iron Oxide - Fe ₂ O ₃	0.02%
Aluminum Oxide - Al ₂ O ₃	0.05%
Sulphates	0.03%
Moisture content	0.27%
Loss of Ignition %	43%

FINENESS

Top cut (97%)	11 microns
Median particle size (50%)	3 microns
Finer than 2 microns	30%
Residue on 45 micron sieve (ISO 787/7)	0.003%

PARTICLES SIZE DISTRIBUTION

TEST METHOD: MASTERSIZER 2000 (MALVERN)



These figures are average values from numerous measurements. They cannot be taken as binding. Microgil assumes no liability with respect to these values.

Updated: September 2015

TECHNICAL DATA

Specific Gravity (Din 53193)	2700 kg/m ³
Packed bulk density	900 kg/m ³
Hardness	3.0. mohs
Oil absorption	20 g/100g
Specific surface area	2.8 m ² /g
Dry brightness, Green filter	95%
pH	9.5

APPLICATIONS

Emulsion paints, sealants, plasters, polyester resins, synthetic marble, glues, plasticized PVC, household cleansers and acid neutralization.

PACKING SPECIFICATIONS

Available for delivery in 25 paper bags or 1 ton polypropylene bags.