

# AVGIL

## AVGIL 600 - 1103

AVGIL 600 is a very fine, surface treated calcium carbonate powder produced in a unique process from selected raw materials of high purity and whiteness.

### CHEMICAL ANALYSIS (raw material)

Calcium carbonate - CaCO <sub>3</sub>	99.2%
Silica - SiO <sub>2</sub>	0.20%
Magnesium Oxide - MgO	0.06%
Iron Oxide - Fe <sub>2</sub> O <sub>3</sub>	0/02%
Aluminum Oxide - Al <sub>2</sub> O <sub>3</sub>	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 (Din 53195)	0.01%

PARTICLES SIZE DISTRIBUTION

MEASUREMENT OF UNCOATED MATERIAL

TEST METHOD: MASTERSIZER 2000 (MALVERN)

### TECHNICAL DATA

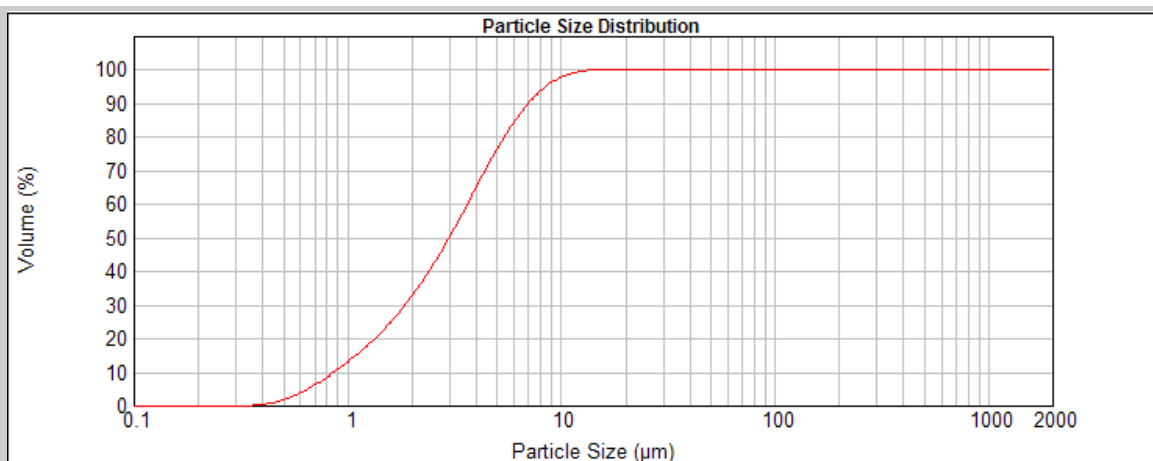
Specific Gravity (Din 53193)	2700 kg/m <sup>3</sup>
Packed bulk density	900 kg/m <sup>3</sup>
Hardness	3.0. mohs
Oil absorption	20 g/100g
Specific surface area	2.8 m <sup>2</sup> /g
Dry Brightness, CIE L*,a*,b*	97 / 0.3 / 2.6
pH	9.5

### 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.



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

Updated: January 2016