

# AVGIL

## AVGIL 1500 – 0702

AVGIL 1500 is a natural, ultra 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 <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%)              | 7 microns   |
| Median particle size (50%) | 2.2 microns |
| Finer than 2 microns       | 45 %        |

PARTICLES SIZE DISTRIBUTION

TEST METHOD: MASTERSIZER 2000 (MALVERN)

### TECHNICAL DATA

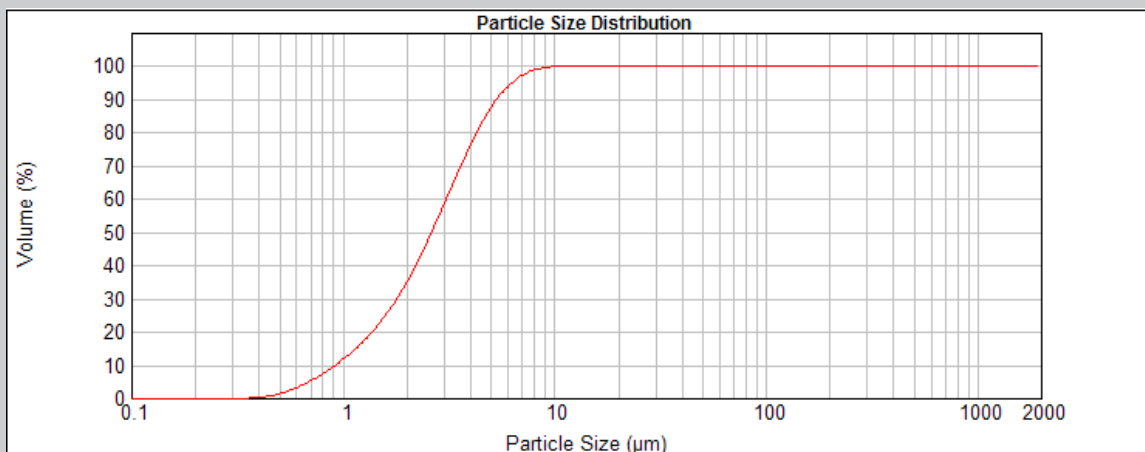
|                              |                        |
|------------------------------|------------------------|
| Specific Gravity (Din 53193) | 2700 kg/m <sup>3</sup> |
| Packed bulk density          | 900 kg/m <sup>3</sup>  |
| Hardness                     | 3.0. mohs              |
| Oil absorption               | 20 g/100g              |
| Specific surface area        | 2.3 m <sup>2</sup> /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.



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