

AVGIL

AVGIL 100

AVGIL 100 is a natural 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 | 99.6% |
| Silica – SiO ₂ | 0.30% |
| Magnesium Oxide MgO | 0.12% |
| Iron Oxide Fe ₂ O ₃ | 0.04% |
| Aluminum Oxide Al ₂ O ₃ | 0.06% |
| Acid insoluble residue | 0.40% |
| Moisture content | 0.20% |
| Calcium oxide - CaO | 55.8% |

FINENESS

| | |
|---|------------|
| Top cut (97%) | 60 microns |
| Median particle size (50%) | 15 microns |
| Residue on 300 micron sieve (ISO 787/7) | < 0.1% |

TECHNICAL DATA

| | |
|------------------------------|------------------------|
| Specific Gravity (Din 53193) | 2700 kg/m ³ |
| Packging bulk density | 1100 kg/m ³ |
| Hardness | 3.0. mohs |
| Specific surface area | 1.5 m ² /g |
| Dry brightness, Green filter | 93% |
| pH | 9.5 |

APPLICATIONS

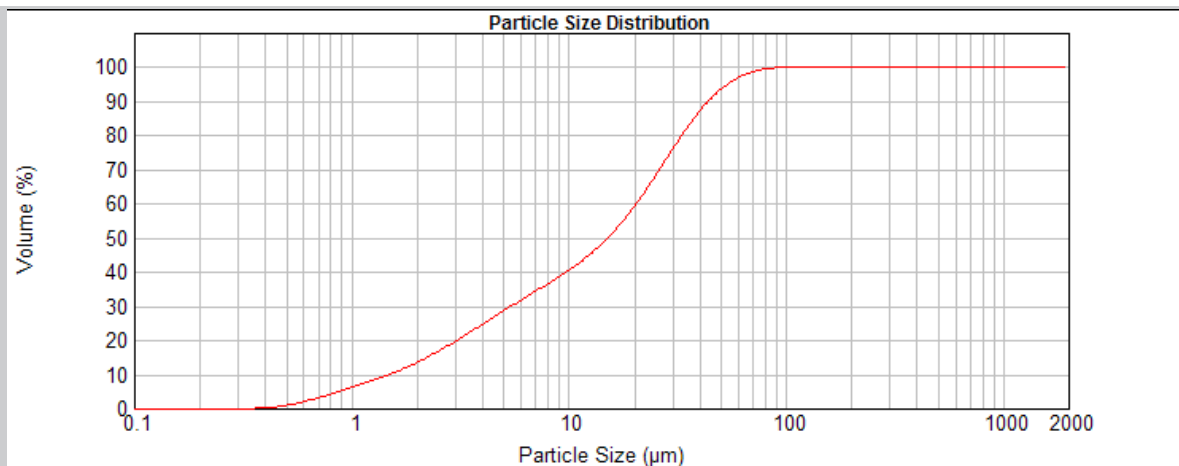
Sealants, plasters, polyester resins, synthetic marble, glues, household cleansers, acid neutralization.

PACKING

Available for delivery in bulk

PARTICALS 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.

Update: Sep 2015