

Supreme™

Supreme is a highly refined kaolin of ultrafine particle size and high brightness from deposits in the South West of England.

IMERY'S PERFORMANCE & FILTRATION MINERALS

Par Moor Centre,
Par Moor Road, Par
Cornwall, PL24 2SQ - UK
Tel: +44 1726 818000
Fax: +44 1726 811200

SPECIFICATION

| | | |
|------------|---------------|------------|
| Brightness | (ISO R457) | 87.5 ± 1.0 |
| + 300 mesh | (mass % max.) | 0.02 |
| + 10 µm | (mass % max.) | 0.2 |
| - 1 µm | (mass % min.) | 77 |
| Moisture | (mass % max.) | 1.5 |
| pH | | 5.5 ± 0.5 |

TYPICAL PROPERTIES

| | | |
|---|--------------------------|------|
| Yellowness | | 4.2 |
| Specific gravity | | 2.6 |
| Surface area | (BET; m ² /g) | 16 |
| Oil absorption | (g/100g) | 46 |
| Aerated powder density | (kg/m ³) | 320 |
| Tapped powder density | (kg/m ³) | 570 |
| Water soluble salt content | (mass %) | 0.20 |
| Chemical analysis by X-ray fluorescence | | |
| SiO ₂ | (mass %) | 47 |
| Al ₂ O ₃ | (mass %) | 38 |

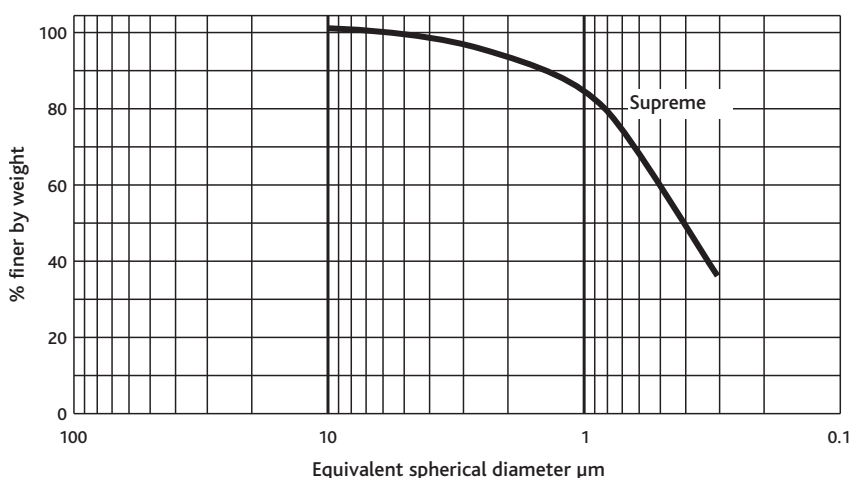
CAS No. 1332-58-7



ISO 9001
FM 14752

Kaolin does not appear in EINECS as an individual entry but is classified as "naturally Occurring Substance" with the EINECS No. 310-127-6.

TYPICAL PARTICLE SIZE DISTRIBUTION



The data quoted are determined by the use of IMERY'S Minerals Ltd Standard Test Methods, copies of which will be supplied on request. Every precaution is taken to ensure the products conform to our published data, but since the products are based on naturally occurring raw materials, we reserve the right to change these data should it become necessary. Sales are in accordance with our 'Conditions of Sale', copies of which will be supplied on request.