

58700 Blanc Fixe, Barium Sulfate

Technical Data Sheet

Blanc Fixe is a synthetic barium sulfate.

Product: Blanc Fixe N
Chemical composition: BaSO₄
CAS No.: 7727-43-7
EINECS: 231-784-4

BaSO ₄	ca. 99 %
Particle size	ca. 1.7 µm
Degree of whiteness	ca. 96 %
Oil index	ca. 13 g/ 100 g
pH Value	ca. 9
Electric conductivity	ca. 100 µs/cm
Solubility in water	ca. 0.05 %
Sieve residue > 45 µm	> 0.01 %
Volatile fraction	ca. 0.05 %
Chloride	ca. 0.0005 %
Density	ca. 4.3 kg/l

Typical properties:

- Acid and alkali resistant
- Insoluble in water and organic solvents
- Inert product, therefore light and weather resistant
- Color neutral due to its low refraction
- Very good wettability due to its low specific surface
- Low abrasion during handling due its low Mohs´ hardness