



BARYTES SUPREME

MINERALOGICAL COMPOSITION

A high purity natural barium sulphate which may contain trace quantities of calcium carbonate and/or silica

Free Quartz 0.1 %

CHEMICAL ANALYSIS

BaSO₄ 95.00 % min
 CaCO₃ 0.30 %
 SiO₂ 0.40 %
 Fe₂O₃ 0.02 %
 Al₂O₃ 0.03 %

CHEMICAL PROPERTIES

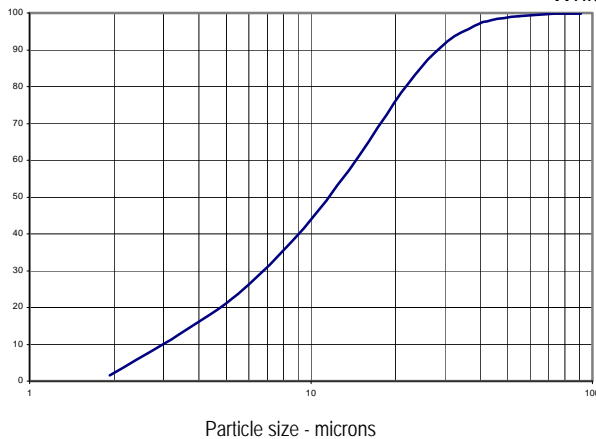
Loss on ignition 0.03 %
 Solubility in water 0.09 %
 Acid soluble barium 100 ppm max
 pH 7

PHYSICAL PROPERTIES

Specific gravity 4400 kg/m³
 Tamped density 2165 kg/m³
 Hardness (Mohs) 3

Oil absorption 12 g/100g

Whiteness Minolta Cr 200 L* 96.0
 a* 0.1
 b* 1.4
 Y 90.0
 L* 92 min



% passing 250 micron sieve 99.99 % min
 % passing 45 micron sieve 98 % min

Particle size distribution - Malvern 3601
 - 75 um 100 %
 - 30 um 92 %
 - 20 um 75 %
 - 10 um 45 %
 Average particle size d₅₀ 11.7 microns

PACKAGING

Dry powder in 25 kg paper bags
 0.3 % moisture content max
 Dry powder in bulk

The data given on this sheet is based on test results believed to be representative of the product and should not be interpreted as a binding specification

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