



MICROSUPREME BARYTES

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

BaSO ₄	95.00 % min
CaCO ₃	0.30 %
SiO ₂	0.40 %
Fe ₂ O ₃	0.02 %
Al ₂ O ₃	0.03 %

CHEMICAL PROPERTIES

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

PHYSICAL PROPERTIES

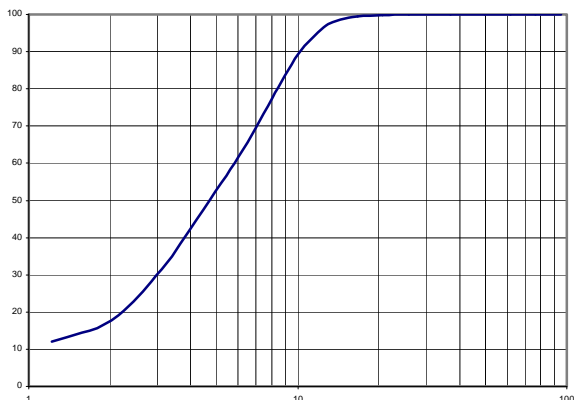
Specific gravity	4400 kg/m ³
Tamped density	2000 kg/m ³
Hardness (Mohs)	3

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 53 micron sieve	99.99 % min
% passing 45 micron sieve	99.99 % min

Particle size distribution - Malvern 3601	
- 75 um	100 %
- 30 um	100 %
- 20 um	99 %
- 10 um	89 %
Average particle size d ₅₀	4.7 microns



Particle size - microns

PACKAGING

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

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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