



PRECIPITATED BARIUM SULPHATE S

MINERALOGICAL COMPOSITION

A high purity precipitated barium sulphate

CHEMICAL ANALYSIS

BaSO ₄	98.00 % min
CaO	0.08 %
SiO ₂	0.02 %
Fe ₂ O ₃	0.02 %
Al ₂ O ₃	0.04 %

CHEMICAL PROPERTIES

Loss on ignition	0.35 %
Solubility in water	0.19 %
Acid soluble barium	100 ppm max
pH	7

PHYSICAL PROPERTIES

Specific gravity	4250	kg/m ³
Tamped density	980	kg/m ³
Hardness (Mohs)	3	

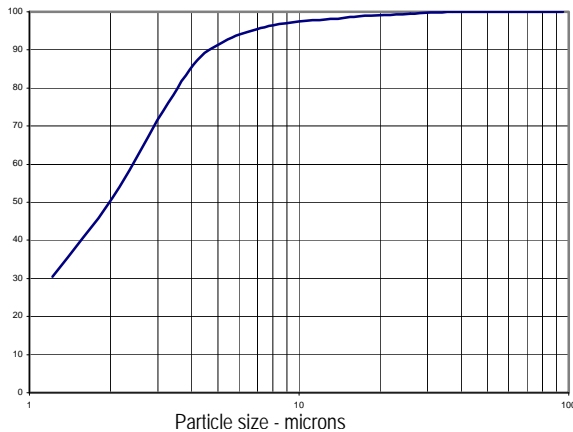
Oil absorption 20 g/100g

Whiteness Minolta Cr 200	L*	96.3
	a*	-0.2
	b*	0.6
	Y	90.9
	L*	92 min

% passing 150 micron sieve	99.99 % min
% passing 45 micron sieve	99.50 % min

Particle size distribution - Malvern 3601

- 75 um	100 %
- 30 um	100 %
- 20 um	99 %
- 10 um	97 %
Average particle size d ₅₀	2.0 microns



PACKAGING

Dry powder in 25 kg paper bags
0.2 % 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

RICHARD BAKER HARRISON LTD
Marsh Trees House, Marsh Parade
Newcastle under Lyme,
Staffordshire. ST5 1BT U.K.



Tel: +44 (0)1782 622666
Fax: +44 (0) 1782 622655
E:mail: sales@rbhltd.com
Web: www.rbhltd.com