



MICROSUPREME N5 BARYTES

MINERALOGICAL COMPOSITION

An ultra-fine white natural barium sulphate powder. In coatings, it is notable for its high gloss, low binder requirement, superior dispersability and ideal TiO₂ spacing effect.

Free Quartz 0.1 %

CHEMICAL ANALYSIS

BaSO₄ 98.00 % min
 CaCO₃ 0.30 %
 SiO₂ 0.40 %
 Fe₂O₃ 0.03 %
 Al₂O₃ 0.01 %

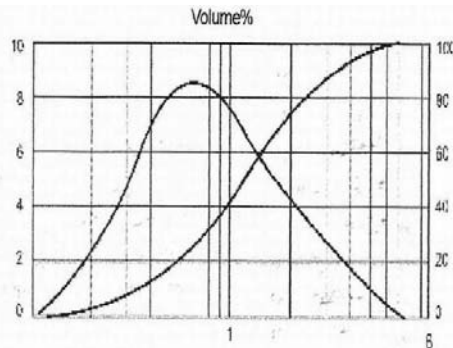
CHEMICAL PROPERTIES

Loss on ignition 0.25 %
 Soluble salts 0.2 %
 Moisture 0.2%
 pH 8

PHYSICAL PROPERTIES

Specific gravity 4400 kg/m³
 Tamped density 1540 kg/m³
 Hardness (Mohs) 3
 Oil absorption 12 g/100g
 Whiteness Minolta Cr 200 L* 96.0
 a* 0.1
 b* 0.72
 Y 90.0
 L* 92 min

Particle size (µm)	volume %	Particle size (µm)	volume %
0.06	0.00	0.49	24.03
0.07	0.01	0.58	28.64
0.08	0.02	0.78	38.38
0.09	0.06	1.06	49.39
0.11	0.17	1.44	61.86
0.15	0.87	1.95	74.96
0.20	3.07	2.65	86.24
0.27	8.01	3.60	94.29
0.36	15.55	4.88	98.94
0.42	19.68	4.69	100.00



% passing 53 micron sieve
 99.99 % min
 Particle size distribution
 D50= 1.23µm
 D97=4.89µm
 D10=0.39µm

PACKAGING

Dry powder in 25 kg paper bags

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
 253 Cranbrook Road
 Ilford, Essex
 IG1 4TQ

Tel: +44 (0)2085540102
 Fax: +44 (0)2085549282
 E-mail: rbhlt@aol.com
 www.: rbhld.com

