

**OMEGA FINE PRODUCTS (PTY) LTD**

ADDRESS: 128 Pebble Street, Clayville ext 14,

Olifantsfontein, 1666, Gauteng, South Africa.

POSTAL: P.O. Box 1246, Olifantsfontein, 1665, South Africa

TELEPHONE: 011 316 2064 / 5727

PRODUCT SPECIFICATION SHEET**MICA 40****(ALUMINIUM, POTASSIUM AND MAGNESIUM SILICATE)**

CHEMICAL ANALYSIS	TYPICAL %
Silicon SiO ₂	47.99
Alumina Al ₂ O ₃	30.90
Potassium K ₂ O	10.22
Sodium Na ₂ O	0.76
Magnesium MgO	0.54
Titanium TiO ₂	0.04
Calcium CaO	0.02
Iron Fe ₂ O ₃	4.51
L.O.I	4.74
PHYSICAL PROPERTIES	TYPICAL
pH	9
Oil Absorption g/100g	55 g/100g
Reflectance	61.5
Hardness mohs	2.3
Specific Gravity g/ml	2.8
Bulk density (loose) g/l	398
Bulk density (Tamped) g/l	500
PARTICLE SIZING (PASSING)	TYPICAL %
SIEVE TEST	
TOP CUT 500 Micron	100.00
425 Micron	94.00
310 Micron	78.00
250 Micron	55.00
150 Micron	38.00
75 Micron	12.00
45 Micron	

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PREPARED BY: T. Rukaramato

APPROVED BY: F. Vorster

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