



Technical Data Sheet Atiamuri Sand

Updated September 2016

CHEMICAL ANALYSIS	
Silica	66.86
Aluminium Oxide	15.77
Ferrous Oxide	4.66
Magnesium Oxide	0.11
Calcium Oxide	4.21
Sodium Oxide	4.06
Potassium Oxide	1.20
Titanium Di-Oxide	0.51
Phosphorus	0.09
Loss in Ignition	0.68

The figures quoted in this data sheet are, to the best of our knowledge, representative of the product. Natural products do vary, so these figures are approximations for guidance only. As conditions of use are beyond our control, no liability is accepted for any loss or damage sustained arising from the use of this information or any products. Because of on-going developments, the product parameters may be changed without notice.

MICRON/MESH	BRITISH	US	MORTAR SAND	NO.1 SAND
4.75 mm	4	4		
2.80 mm	6	7		
2.36 mm	7	8		
2.00 mm	8	10		
1.18 mm	14	16	0-3%	0-5%
0.60 mm	25	30	30-40%	60-70%
0.30 mm	52	50	60-80%	80-100%
0.15 mm	100	100	95-100%	95-100%
Loose Bulk Density			1550kg/m ³	1350kg/m ³
Fineness Modulus			2.00	2.17
Lightweight Particles			<0.5%	<0.5%

TEST METHODS
Chemicals by XRF
Moisture by drying 110 C for 1.5 hrs.
Specific Gravity by water immersion
PSD by dry sieve on BS410 sieves
Loose Bulk Density by DIN 53194

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