



# Technical Data Sheet Specialty Sands

Updated January 2020

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 ongoing developments, the product parameters may be changed without notice.*

MICRON/MESH	BRITISH	US	ASP NO. 1	TOM600
1.180 mm	14	16	0 - 3%	
1.000 mm	16	18	3 - 5%	
0.850 mm	18	20	5 - 10%	
0.600 mm	25	30	10 - 25%	0 - 1%
0.300 mm	52	50	50 - 75%	5 - 60%
0.150 mm	100	100	99 - 100%	99 - 100%
Loose Bulk Density (kg-m <sup>3</sup> )			1360kg +/-25kg	1500kg +/-25kg

TEST METHODS
Chemicals by XRF
Moisture by drying 110 C for 1.5 hrs.
Organic Content - Weight of matter soluble in carbon tetrachloride
Specific Gravity by water immersion
PSD by dry sieve on BS410 sieves
Loose Bulk Density by DIN 53194
Compacted Density as per PI 201-77

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