



Technical Data Sheet Filter Sands

Updated April 2024

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.

PERCENTAGE PASSING		30/50 Filter Sand	14/25 Filter Sand	7/14 Filter Sand
NOMINAL SIZE		0.3 to 0.6mm	0.6 to 1.2mm	1.2 to 2.2mm
MICRON	MESH			
2.820 mm	7			100%
1.410 mm	14		100%	
1.180 mm	16			5%
0.600 mm	30	100%	5%	
0.150 mm	100	5%		
LBD	(kg/m ³)	1360kg +/-25kg	1360kg +/-25kg	1360kg +/-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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