



Technical Data Sheet Milled Pumice

Updated April 2024

CHEMICAL ANALYSIS		PHYSICAL PROPERTIES			
Silica	74.0%	Specific Gravity (g/ml)	2.2-2.4 g/ml		
Aluminium Oxide	14.0%	Colour	Light brown		
Ferric Oxide	1.0%	Fusion Point (Deg.C)	1260-1340 C		
Calcium Oxide	1.3%	Softening Point (Deg.C)	871-1093 C		
Magnesium Oxide	0.3%	<i>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.</i>			
Sodium Oxide	3.0%				
Potassium Oxide	4.0%				
Titanium Oxide	0.1%				
Heavy Metals	Trace				
Sulphate	Trace				
Moisture	0.5%				
Loss in Ignition	2.5-3.2%				
pH (water extract)	6.5-8.0				

MICRON/MESH	BRITISH	US	FINE	MEDIUM	COARSE
0.600mm	25	30			0-15%
0.300mm	52	50		0-10%	90-100%
0.150mm	100	100		40-60%	
0.106mm	150	140	0-10%		
0.075mm	200	200		85-100%	
0.045mm	350	325	80-100%		

TEST METHODS	
Chemicals by XRF	
Moisture by drying 110 Deg.c for 1.5hrs	
LOI - Muffle furnace at 1100 C/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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