



**Product Information Sheet
MEDIUM SAND**

Mechanical Analysis

Sieve Size	Typical Grading % Retained	% Cumulative Passing
2.00	0.1	99.9
1.00	0.6	99.1
0.71	4.0	96.5
0.60	6.1	89.4
0.50	18.7	70.3
0.355	47.9	25.3
0.25	19.6	5.7
0.18	1.8	0.5

Chemical Analysis

Silica	SiO ₂	94.77%
Alumina	Al ₂ O ₃	0.63%
Titania	TiO ₂	0.05%
Iron	Fe ₂ O ₃	3.473%
Magnesium	MgO	<0.01%
Calcium	CaO	0.01%
Sodium	Na ₂ O	<0.01%
Potassium	K ₂ O	0.049%
Phosphate	P ₂ O ₅	0.01%
Manganese	MnO ₂	<0.005%
Chromium	Cr ₂ O ₃	0.021%
Loss on Ignition	L on I	1.04%

Physical Properties

Specific Gravity	2.65
Colour	Brown
Water Absorption	1.56
Soluble Chloride Salts	0.0006
Sulphate Content	0.003
Particle Shape	Sub Angular to Rounded
pH	7.1