

No. 60 Sand)

Size range 0.71 – 0.25mm

Source: Leighton Buzzard, Bedfordshire
 Geology: Lower Greensand of the Cretaceous period
 Composition: Quartz
 Grain Shape: Sub-angular to Rounded

Mechanical Analysis

Sieve Size	Typical Grading % Retained	% Cumulative Retained	Specification
1.00	Trace	Trace	0 – 0.5
0.71	0.5	0.5	0 – 5
0.50	38.0	38.5	10 – 60
0.355	48.0	86.5	70 – 95
0.25	10.5	97.0	90 – 100
0.18	2.5	99.5	95 - 100

Specification in bold

Colour	Buff
Specific Gravity	2.65
Uncompacted Bulk Density	1.56
Nominal Effective size	0.25 – 0.39
Uniformity Co-efficient	<1.7
pH	6.7

Chemical Analysis

		%
Silica	SiO₂	97.31
Alumina	Al₂O₃	0.13
Titania	TiO₂	0.04
Iron	FE₂O₃	1.71
Magnesium	MgO	0.03
Calcium	CaO	0.03
Sodium	Na₂O	0.02
Potassium	K₂O	0.07
Phosphate	P₂O₅	<0.01
Manganese	MnO₂	<0.005
Chromium	Cr₂O₃	0.0004
Loss on Ignition	L on I	0.26

The above figures only relate to one specific test.

This sand is **ISO 9001:2000** accredited.

ISSUE DATE JUNE 2019

www.irwin-aggregates.com

Irwins Quality Aggregates 55 Gortgonis Road, Coalisland, Co. Tyrone, BT71 4QG
 Tel: 028 87 740362 Fax: 028 87 747473