

0.90 – 0.95 E.S. Sand

Size range 0.8 – 1.6mm

Application

Used in water filtration. Produced from the best quality raw material which is washed, dried and accurately screened.

Characteristics

Appearance: Rounded, sub-angular
 Specific Gravity: Approx 2.6tonnes/m³
 Loose Bulk Density: 1.6tonnes / m³
 Hardness: 7 Moh

Mechanical Analysis

Sieve Size	% Retained	% Passing
2.0	0	100
1.8	0	100
1.7	0.3	99.7
1.6	1.2	98.8
1.4	5.8	94.2
1.25	31.9	68.1
1.18	57.2	42.8
1.12	68.1	31.9
1.0	76.6	23.4
0.9	90.4	9.6
0.85	96.2	3.8
0.80	97.6	2.4
0.71	98.6	1.4
0.125	99.3	0.7

Effective Size 0.90-0.95mm Uniformity Coefficient ≤ 1.40

Chemical Analysis

		%
Silica	SiO₂	96.3
Alumina	Al₂O₃	1.64
Titania	TiO₂	0.04
Iron	FE₂O₃	0.40
Magnesium	MgO	0.08
Calcium	CaO	0.10
Sodium	Na₂O	0.20
Potassium	K₂O	0.77
Phosphate	P₂O₅	0.02
Loss on Ignition	L on I	<0.5%

Production and Quality complies with **NEN-EN 12904**

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