

Technical Data Sheet

Product Name	Silver Granite 1-3mm	Shape	Angular
Description	Sample 05/12/20	Petrology	Granite

Chemical Analysis (Typical)

Element	%
Aluminium (Al ₂ O ₃)	14.20
Calcium (CaO)	0.96
Calcium Carbonate (CaCO ₃)	
Iron (FE ₂ O ₃)	1.10
Magnesium (MgO)	0.18
Magnesium Carbonate (MgCO ₃)	
Manganese (MnO)	0.16
Phosphorus (P ₂ O ₅)	0.05
Potassium (K ₂ O)	4.14
Silica (SiO ₂)	72.57
Sodium (Na ₂ O)	4.80
Sulphate (SO ₃)	
Titanium (TiO ₂)	0.13
Loss on Ignition	1.20

Grading Analysis (Typical)

Sieve Size	% Passing	Range
63		
40		
28		
20		
14		
10		
6.3	100	100
5		
3.35	86.2	70-95
2.36	36.6	20-40
1.18	8.2	0-10
0.85	0.4	0-5
0.30		
0.15		
0.075		

Physical Analysis (Typical)

Property		Value
Aggregate Abrasion Value	AAV	5.2
Aggregate Crushing Value	ACV	30
Aggregate Impact Value	AIV	31
Hardness (Mohs)		6
Magnesium Sulphate Soundness (%)		91
Polished Stone Value (3mm)	PSV	52
Skid Resistance Value	SRV	

Property		Value
Relative Density (Oven Dried)	OD	2.62
Relative Density (Sat. Surface Dried)	SSD	2.63
Relative Density (Apparent)	AP	2.66
Water Absorption (% by weight)		0.3
10% Fines Value (Kn)		350
Risk of Iron Staining (Estimate only)	RIS	
Code:		