

Product Name: Red Granite
Hardness Value: 7



Shape: Angular
Size: 1-3mm

Product Description

A red angular granite chipping.



Petrology

Granite

Grading Analysis

Sieve Size	% Retained	% Passing	Range
5.00mm		100	100
3.35mm		98	>90
2.36mm		50	50-70
1.18mm		1.8	<15
0.60mm		0.2	<2

Physical Analysis

Property	Value
Aggregate Abrasion Value - AAV	0.7
Aggregate Crushing Value - ACV	22
Aggregate Impact Value - AIV	16
Hardness (Mohs)	7
Magnesium Sulphate Soundness (%)	3
Polished Stone value (est) - PSV	54
Skid Resistant Value - SRV	68
Specific Gravity	
Relative Density (Sat. Surface Dried - SSD)	
Relative Density (Apparent) – AP	2.63t/m3
Oil Absorbtion (% by weight)	
10% Fines Value (Kn)	410KN
Risk of iron staining (Estimate only) – RIS	*
Performance Scale:	5

Chemical Analysis (Typical)

Element	%
Aluminium (Al ₂ O ₃)	15.15
Calcium (CaO)	0.5
Calcium Carbonate (CaCO ₃)	
Iron (Fe ₂ O ₃)	1.55
Magnesium (MgO)	0.15
Magnesium Carbonate (MgCO ₃)	
Manganese (MnO)	
Phosphorus (P ₂ O ₅)	0.05
Potassium (K ₂ O)	5.25
Silica (SiO ₂)	73.15
Sodium (Na ₂ O)	1.25
Sulphate (So ₃)	
Titanium (TiO ₂)	0.25
Loss on Ignition	2.6