

Product Name: Black Basalt
Hardness Value: Not determined



Shape: Angular
Size: 1-3mm

Product Description

Washed, dried and screened granules of black basalt

Petrology

Crystalline silica with hornblende, pyroxene, amphibolite and minor sulphides.

Grading Analysis

Sieve Size	% Passing	Range
5.0mm	100	
3.35mm	95	>90
2.36mm	52	50-70
1.18mm	3	<15
0.6mm	0.3	<2

Physical Analysis

Properties	Value
Aggregate Abrasion Value - AAV	4.2
Aggregate Crushing Value - ACV	10
Aggregate Impact Value - AIV	9
Polished Stone value (est) - PSV	60
Relative Density (Apparent) – AP	3.025
Oil Absorption (% by weight)	0.22
10% Fines Value (Kn)	350
Risk of iron staining (Estimate only) – RIS	*
Los Angeles Coefficient	18
Performance Scale	5

Chemical Analysis (Typical)

Element	%
Aluminium (Al ₂ O ₃)	14.7
Calcium (CaO)	7.1
Iron (Fe ₂ O ₃)	9.9
Magnesium (MgO)	7.1
Potassium (K ₂ O)	0.7
Silica (SiO ₂)	45.5
Sodium (Na ₂ O)	3.4