

Product Name: Black Basalt
Hardness Value:



Shape: Angular
Size: 2-5mm

Product Description

A dark grey angular chipping that is jet black when wet suitable for resin bound/bonded applications.

Petrology

Basalt



Grading Analysis

Sieve Size	% Retained	% Passing	Range
10.00mm		100	100
6.30mm		94	>85
4.75mm		68	40-85
3.35mm		14	<30
2.36mm		0.4	<10

Physical Analysis

Properties	Value
Aggregate Abrasion Value - AAV	4.2
Aggregate Crushing Value - ACV	10
Aggregate Impact Value - AIV	9
Hardness (Mohs)	
Magnesium Sulphate Soundness (%)	
Polished Stone value (est) - PSV	60
Skid Resistant Value - SRV	
Specific Gravity	
Relative Density (Sat. Surface Dried - SSD)	
Relative Density (Apparent) – AP	3.025
Oil Absorbtion (% by weight)	0.22
10% Fines Value (Kn)	350
Risk of iron staining (Estimate only) – RIS	*
Performance Scale:	5
Los Angeles Coefficient:	18

Chemical Analysis (Typical)

Element	%
Aluminium (Al ₂ O ₃)	14.7
Calcium (CaO)	7.1
Calcium Carbonate (CaCO ₃)	
Iron (Fe ₂ O ₃)	9.9
Magnesium (MgO)	7.1
Magnesium Carbonate (MgCo ₃)	
Manganese (MnO)	
Phosphorus (P ₂ O ₅)	
Potassium (K ₂ O)	0.7
Silica (SiO ₂)	45.5
Sodium (Na ₂ O)	3.4
Sulphate (So ₃)	
Titanium (TiO ₂)	
Loss on Ignition	