

**Product Name:** Black Basalt  
**Hardness Value:**



**Shape:** Angular  
**Size:** 6-10mm

## Product Description

Washed, dried and screened granules of black basalt

## Rock Type

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



## Grading Analysis

Sieve Size	% Retained	% Passing	Range
16.00mm		100	>90
9.50mm		95	>70
6.30mm		14.8	<15
4.75mm		0.4	<2

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