

Product Name: Danish Quartz

Shape: Semi Rounded

Hardness Value: 7



Size: 5-8mm

Product Description

A natural mix of light grey and white semi rounded chippings

Rock Type

Quartz



Grading Analysis

Sieve Size	% Retained	% Passing	Range
10.00mm		100 %	100
8.00mm		90.5 %	>85
6.30mm		60.3	40-85
5.00mm		28.6 %	<30
4.00mm		4.5	<10

Physical Analysis

Property	Value
Aggregate Abrasion Value - AAV	
Aggregate Crushing Value - ACV	
Aggregate Impact Value - AIV	
Hardness (Mohs)	7
Magnesium Sulphate Soundness (%)	
Polished Stone value (est) - PSV	48
Skid Resistant Value - SRV	
Specific Gravity	2.65
Relative Density (Sat. Surface Dried - SSD)	
Relative Density (Apparent) – AP	
Oil Absorbtion (% by weight)	
10% Fines Value (Kn)	
Risk of iron staining (Estimate only) – RIS	***
Performance Scale:	4

Chemical Analysis (Typical)

Element	%
Aluminium (Al ₂ O ₃)	1.30
Calcium (CaO)	0.04
Calcium Carbonate (CaCO ₃)	
Iron (Fe ₂ O ₃)	0.19
Magnesium (MgO)	0.17
Magnesium Carbonate (MgCO ₃)	
Manganese (MnO)	
Phosphorus (P ₂ O ₅)	0.03
Potassium (K ₂ O)	0.70
Silica (SiO ₂)	97.50
Sodium (Na ₂ O)	<0.01
Sulphate (So ₃)	0.01
Titanium (TiO ₂)	0.03
Loss on Ignition	0.60