

Product Name: Corn Flint

Hardness Value: 6



Shape: Angular

Size: 2-5mm

Product Description

A natural mix of rich gold, tan and cream angular chippings for resin applications.

Rock Type

Marine Flint Shingle



Grading Analysis

Sieve Size	% Retained	% Passing	Range
10.00		100	100
6.30		85	>85
4.75		55	40-85
3.35		26	<30
2.36		7	<10

Physical Analysis

Property	Value
Aggregate Abrasion Value - AAV	1.1
Aggregate Crushing Value - ACV	20
Aggregate Impact Value - AIV	20
Hardness (Mohs)	6
Magnesium Sulphate Soundness (%)	99
Polished Stone value (est) - PSV	35 est
Skid Resistant Value - SRV	
Specific Gravity	
Relative Density (Sat. Surface Dried - SSD)	2.51
Relative Density (Apparent) - AP	2.62
Oil Absorbtion (% by weight)	2.2
10% Fines Value (Kn)	270
Risk of iron staining (Estimate only) - RIS	***
Performance Scale:	2

Chemical Analysis (Typical)

Element	%
Aluminium (Al ₂ O ₃)	1.06
Calcium (CaO)	11.29
Calcium Carbonate (CaCO ₃)	
Iron (Fe ₂ O ₃)	1.57
Magnesium (MgO)	0.13
Magnesium Carbonate (MgCO ₃)	
Manganese (MnO)	
Phosphorus (P ₂ O ₅)	
Potassium (K ₂ O)	0.32
Silica (SiO ₂)	75.8
Sodium (Na ₂ O)	0.08
Sulphate (So ₃)	
Titanium (TiO ₂)	
Loss on Ignition	9.22