

Product Name: Autumn Quartz

Hardness Value: 7



Shape: Angular

Size: 1-3mm

Product Description

Washed and dried, uniformly yellow/golden coloured particles of crushed quartz and granite.

Rock Type

Quartz



Grading Analysis

Sieve Size	% Retained	% Passing	Range
4.75mm		100	100
3.35mm		90	>90
2.36mm		66.7	50-70
1.18mm		11.2	<15
0.60mm		2	<2

Physical Analysis

Properties	Value
Aggregate Abrasion Value - AAV	0.6
Aggregate Crushing Value - ACV	24
Aggregate Impact Value - AIV	49
Hardness (Mohs)	7
Magnesium Sulphate Soundness (%)	13
Polished Stone value (est) - PSV	54
Skid Resistant Value - SRV	65
Specific Gravity	
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	**
Los Angeles Coefficient	38
Performance Scale	3

Chemical Analysis (Typical)

Element	%
Aluminium (Al ₂ O ₃)	0.19
Calcium (CaO)	<0.01
Calcium Carbonate (CaCO ₃)	
Iron (Fe ₂ O ₃)	0.18
Magnesium (MgO)	0.03
Magnesium Carbonate (MgCo ₃)	
Manganese (MnO)	<0.01
Phosphorus (P ₂ O ₅)	<0.01
Potassium (K ₂ O)	0.01
Silica (SiO ₂)	99.13
Sodium (Na ₂ O)	<0.05
Sulphate (So ₃)	<0.01
Titanium (TiO ₂)	0.02
Loss on Ignition	0.40