

Product Name: Autumn Quartz

Hardness Value: 7



Shape: Angular

Size: 2-5mm

Product Description

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



Rock Type

Quartz

Grading Analysis

Sieve Size	% Retained	% Passing	Range
6.30mm		100	100
4.75mm		84	>85
3.35mm		39.8	40-85
2.36mm		6.4	<30
1.18mm		2	<10

Chemical Analysis (Typical)

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)	2.58
Relative Density (Apparent) – AP	2.62
Oil Absorbtion (% by weight)	0.9
10% Fines Value (Kn)	
Risk of iron staining (Estimate only) – RIS	**
Los Angeles Coefficient	38
Performance Scale	3

Physical Analysis

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