



LONG RAKE SPAR CO. LTD.

Established 1867

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Technical Data Sheet

Product Name	1-2mm White Dolomite	Shape	Angular
Description	Washed and graded, predominantly white, crystalline dolomite chippings.	Petrology	Dolomitic marble

Chemical Analysis (Typical)

Element	%
Aluminium (Al ₂ O ₃)	0.03
Calcium (CaO)	30.8
Calcium Carbonate (CaCO ₃)	
Iron (Fe ₂ O ₃)	0.03
Magnesium (MgO)	21.7
Magnesium Carbonate (MgCO ₃)	
Manganese (MnO)	
Phosphorus (P ₂ O ₅)	
Potassium (K ₂ O)	0.02
Silica (SiO ₂)	0.15
Sodium (Na ₂ O)	
Sulphate (SO ₃)	
Titanium (TiO ₂)	
Loss on Ignition	47.0

Grading Analysis (Typical)

Sieve Size (mm)	% Retained	% Passing	Range
4.75		100	
2.25		100	
2.00		98.6	
1.25		40.4	
0.850		10.4	
0.425		2.8	
0.063		1	
0		0	

Physical Analysis

Property	Value
Aggregate Abrasion Value AAV	
Aggregate Crushing Value ACV	
Aggregate Impact Value AIV	
Hardness (Mohs)	4
Magnesium Sulphate Soundness (%)	
Polished Stone Value PSV	
Skid Resistance Value SRV	

Property	Value
Relative Density (Oven Dried) OD	
Relative Density (Sat. Surface Dried) SSD	
Relative Density (Apparent) AP	2.83
Water Absorbion (% by weight)	
10% Fines Value (Kn)	
Risk of Iron Staining (Estimate only) RIS	
Code: Polar 8-11mm	