

Technical Data Sheet – Calcium Carbonate

Calcium carbonate is a made from high purity carboniferous limestone granules. Due to its softness and fine particles its ideal for blasting surface that require minimal damage, such as masonry, stonework. It is perfect for sensitive environmental areas due to its natural properties.

Product is packed in 25kg bags

Tariff Code 25210000

Chemical Composition

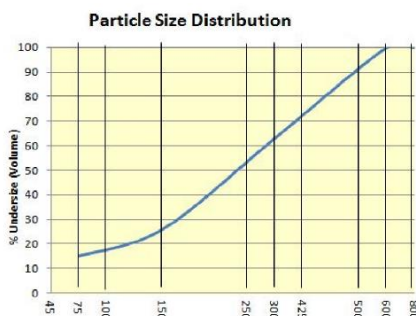
Component Name	Code	Concentration
Calcium Carbonate	CaCO ₃	98%
Calcium	CaCo	55.6%
Magnesium	MgO	0.3%
Aluminium	Al ₂ O ₃	0.06%
Iron	Fe ₂ O ₃	0.05%
Silica	SiO ₂	0.25%
Lead	Pb	1ppm
Calcium	Cd	0.9ppm
Arsenic	As	<1ppm
Mercury	Hg	<0.1ppm
Fluorine	F	40ppm

Physical Properties

Physical state	off white
Odour	Odourless
Loss of Ignition @ 1000°c	44.1%
Moisture (H ₂ O)	0.1% <0.3%
Bulk Density (loose)	1.5 t/m ³
Bulk Density (compacted)	1.6 t/m ³
Particle Density	2.69 t/m ³

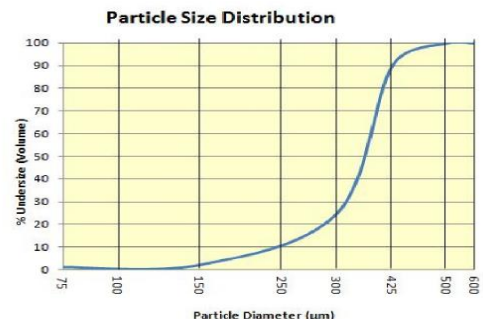
Grade Sizes

Trucal4



Sieve Aperture	% Passing	Specification
850 um	100	100
600 um	99.9	95-100
300 um	63	
150 um	26	
75 um	15	5-23
Top Cut (d98)	575um	
Mean Size (d50)	235um	

Trucal52



Sieve Aperture	% Passing	Specification
500 um	100	98- 100
425 um	90	
300 um	25	
250 um	8	
150 um	2	0-5
75 um	1.5	0-2
Top Cut (d98)	470um	
Mean Size (d50)	360um	