

CALCIUM CARBONATE SANDS

IMASCO CALCIUM CARBONATE SANDS are available from our Surrey plant in three gradations. These exceptionally pure, bright white, sands are ground from natural, high calcium limestone. Our size range allows us to meet the requirements of many applications including:

- Stucco
- Epoxy and Polymer mortars
- Cement mortars and grouts
- Polyester Filling
- Other industrial applications requiring precisely graded sands
- Glass
- Poultry and bovine feed
- Cultured marble
- Decorative uses
- Carrier for fertilizer chemicals
- Golf course bunkers

TYPICAL GRADATIONS

Sieve Size		Percent Material Passing		
US No.	Metric mm	#0	#00	1.5 mm
4	4.75	100.0		
8	2.36	80.3	100.0	
12	1.65	17.3	99.9	100.0
14	1.40			95.0
16	1.17	1.1	92.0	78.0
18	1.00			30.0
20	.83			9.0
30	0.60		75.0	0.2
40	0.43		65.0	
50	0.30		50.0	
100	0.15		20.0	
140	0.106			
200	0.075		5.0	

These products are available in 40 kg bags, semi-bulk bags and bulk.
Data is representative of recent testing and is typical of normal production.

PHYSICAL PROPERTIES

Loss on Ignition (ASTM E1172-87)	42%
Specific Gravity (ASTM C128-88)	2.7
Mohs Hardness	3.0
Particle Shape	crystalline rhombohedron
Apparent Loose Density (ASTM C110-92)	1630 kg/m ²
Apparent Packed Density (ASTM C110-92)	1680 kg/m ²

BENEFITS OF IMASCO CALCIUM CARBONATE SANDS

- Consistent sizing
- High Whiteness
- High Chemical Purity

TYPICAL CHEMICAL ANALYSIS*

CaCO ₃	95 %
MgCO ₃	4.4%
Fe ₂ O ₃ Ferric Oxide	0.5%
Acid Insoluble	0.5%

* PLA 4-70



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