



PureCal™ 12-40

Feed Grade Calcium Carbonate

Description:

Ground and screen granular grades produced from high calcium limestone from underground mines. "Calcite", "crushed marble", and "ground limestone" are synonymous with ground natural "calcium carbonate".

TYPICAL PARTICLE DISTRIBUTION

US SCREEN	% PASSING
10	99.69
12	98.57
16	75.35
20	28.09
30	3.88
50	<1

HEAVY METALS

	Arsenic MG/KG	Cadmium MG/KG	Lead MG/KG
Average	0.3045	0.114	0.613438
Min	0.17	0.074	0.338
Max	0.45	0.198	2.25

CHEMICAL SPECIFICATIONS

	TYPICAL
Calcium (Ca)	39.50%
Calcium Carbonate (CaCO ₃)	98.30%

TYPICAL PHYSICAL CHARACTERISTICS

Bulk Density	90lbs/ft ³
Moisture	< 0.05%
Appearance	light gray -gray
pH (ASTM - D1208)	9.3

IMPURITIES, TYPICAL

Magnesium	(Mg)	0.20%
Silica	(SiO ₂)	0.30%
Iron	(Fe)	0.0456%
Aluminum	(Al)	0.0010%
Arsenic	(As)	< 0.5 ppm
Cadmium	(Cd)	< 0.8 ppm
Lead	(Pb)	< 3.2 ppm
Mercury	(Hg)	< 0.1 ppm

Cerne Calcium Company
2123 200th Street
Fort Dodge, IA 50501

Ordering Information:
515.223.8844
orders@cernecalcium.com



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