



# PureCal™ 60

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
60	99.99
100	99.9
200	81
325	62

**CHEMICAL SPECIFICATIONS**

	TYPICAL
Calcium (Ca)	39.50%
Calcium Carbonate (CaCO <sub>3</sub> )	99.30%

**TYPICAL PHYSICAL CHARACTERISTICS**

Bulk Density	90 lbs/ft <sup>3</sup>
Moisture	< 0.05%
Appearance	off white
Median Particle Size (microns)	43
Dry Brightness	78
pH (ASTM - D1208)	9.3
Hardness (Hand. Of Chem. & Phy.)	3 Mohs, relatively non-abrasive
Solubility (Hand. Of Chem. & Phy.)	0.0035gm/100ml H <sub>2</sub> O at 100°C

**IMPURITIES, TYPICAL**

Magnesium (Mg)	0.20%
Silica (SiO <sub>2</sub> )	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

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