



VANSIL®

CS-1

Wollastonite Natural Calcium Silicate

TECHNICAL DATA

Wollastonite, a natural calcium silicate mineral, is unique among soil amendments as a source of silicon and carbon-neutral calcium. **VANSIL®** wollastonite is sourced from a Vanderbilt Minerals deposit and processing facility in northern New York state. **VANSIL CS-1** is OMRI Listed for use in organic crop production. This grade comes from the only mine producing OMRI Listed wollastonite in the United States.

VANSIL products are made by crushing, drying and milling the wollastonite ore. The same ore is used for all grades, which differ only in particle size distribution. **VANSIL** Wollastonite is not contacted by flotation chemicals or chemical treatments of any kind. Because it is milled natural ore, elemental analysis can show natural minor variations.

TYPICAL CHEMICAL ANALYSIS (CALCULATED AS OXIDES)

Calcium Oxide (CaO)	44.1%
Silicon Dioxide (SiO ₂)	51.3%
Aluminum Oxide (Al ₂ O ₃)	1.1%
Magnesium Oxide (MgO)	1.7%
Iron Oxide (Fe ₂ O ₃)	0.2%
Sodium Oxide (Na ₂ O)	< 0.1%
Manganese Oxide (MnO)	< 0.1%
Ignition Loss (1000°C)	1.1%

TYPICAL PROPERTIES BY GRADE

	VANSIL® CS-1
pH, 10 % slurry	10 - 11
+325 Mesh Residue	19%
Median Size, µm*:	23
% >1 µm	95
% >10 µm	70
% >100 µm	18
*Laser diffraction	

CONTACT INFORMATION

For samples, product information and/or technical service please contact Vanderbilt Minerals, LLC or the Vanderbilt representative in your area:

Vanderbilt Minerals, LLC
33 Winfield Street, P.O. Box 5150
Norwalk, CT 06856-5150
P: (800) 562-2476
F: (203) 855-1220
www.vanderbiltminerals.com

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