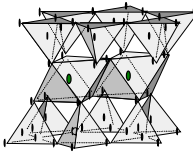


# Functional Materials Specialty Additives



## CERATOSIL® VS 2



**CERATOSIL® VS 2** ist ein Natriumbentonit mit ausgezeichnetem Adsorptions- und Quellvermögen. Als rheologisches, thixotropes Additiv wird es sowohl in Glasuren und Engoben als auch in monolithischen feuerfesten Massen und Schichten eingesetzt. CERATOSIL® VS 2 eignet sich desweiteren sehr gut als Füllstoff und als Träger für reaktive und inerte Materialien.

### TPYISCHE EIGENSCHAFTEN

Farbe	seidengrau
Form	Pulver
Feuchte	max. 14 %
Schüttdichte	820 ± 80 kg/m <sup>3</sup>
Methylenblau-Adsorption	345 ± 45 mg/g
Quellvolumen (H <sub>2</sub> O dest.)	min. 22 ml/2g
Enslin-Neff	ca. 600 %
pH-Wert	9,5 ± 1
Siebrückstand (63 µm, trocken)	max. 30 %

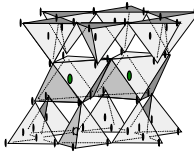
Clariant Produkte (Deutschland) GmbH  
BU FUNCTIONAL MATERIALS  
DPS EMEA, Specialty Additives

Ostenrieder Str. 15  
85368 Moosburg  
Germany

Dr. Albert Stützer  
Phone +49 (0) 8761 82 645  
Fax +49 (0) 8761 82 512  
albert.stuetzer@clariant.com

ISSUE  
September 2012

# Functional Materials Specialty Additives



## CERATOSIL® VS 2

VERPACKUNG	MINERALISCHE ZUSAMMENSETZUNG		
Lose, in Big-Bags oder in Säcken	Hauptmineral	Montmorillonit	ca. 70 – 80 %
	Begleitminerale	Quarz	ca. 2 - 3 %
		Cristobalit	ca. 1 – 2 %
		Feldspat	ca. 2 – 5 %
		Calcit	ca. 1 – 2 %

## CHEMISCHE ZUSAMMENSETZUNG

SiO <sub>2</sub>	59,80 %
Al <sub>2</sub> O <sub>3</sub>	19,80%
TiO <sub>2</sub>	0,33%
Fe <sub>2</sub> O <sub>3</sub>	4,30%
MgO	2,80%
CaO	2,00%
Na <sub>2</sub> O	2,60%
K <sub>2</sub> O	0,76%
MnO <sub>2</sub>	0,04%
Glühverlust (1000°C)	6,30%
Fluorid	0,10%

Die angegebenen Werte der Nebenbestandteile können aufgrund natürlicher Streuungen der Rohmaterialien um bis zu ± 20% schwanken.

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application.\* Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

\* For sales to customers located within the United States and Canada the following applies in addition: NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE.

© Trademark registered in many countries and owned by Clariant  
© 2012 Clariant International Ltd, Rothausstrasse 61, 4132 Muttenz, Switzerland

CERATOSIL® VS 2 | Version 2012

Clariant Produkte (Deutschland) GmbH  
BU FUNCTIONAL MATERIALS  
DPS EMEA, Specialty Additives

Ostenrieder Str. 15  
85368 Moosburg  
Germany

Dr. Albert Stützer  
Phone +49 (0) 8761 82 645  
Fax +49 (0) 8761 82 512  
albert.stuetzer@clariant.com

ISSUE  
September 2012



Clariant International Ltd