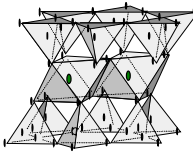


# Functional Materials Specialty Additives



CERATOSIL® CV



**CERATOSIL® CV** ist ein aktivierter Calciumbentonit aus ausgesuchten bayerischen Rohtonen mit ausge-wogenen rheologischen Eigenschaften für den industriellen Einsatz. Besonders geeignet für Technologien, bei denen die hervorragende Wasserhalte-, Quell-, Schmier-, Dicht-, Sorptions- oder Bindefähigkeit eines Aktivbentonits erforderlich ist.

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## TPYISCHE EIGENSCHAFTEN

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Farbe	grün-beige
Form	Pulver
Feuchte	6 ± 12 %
Schüttdichte	780± 50 kg/m <sup>3</sup>
Marshviskosität (60 g/l, 1h)	36 - 46 s
Fließgrenze (Kugelnr.)	6 ± 1
Quellvolumen	min. 25 ml/2g
Enslin-Neff	min. 500 %
pH-Wert	10 ± 1
Siebrückstand (63 µm, trocken)	max. 30 %

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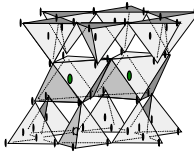
Clariant Produkte (Deutschland) GmbH  
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## CERATOSIL® CV

VERPACKUNG	MINERALISCHE ZUSAMMENSETZUNG		
Lose	Hauptmineral	Montmorillonit	
Big Bags oder	Begleitminerale	Quarz	ca. 5 – 9 %
Säcke		Glimmer	ca. 1 – 6 %
		Feldspat	ca. 1 – 3 %
		Calcit	ca. 1 – 4 %
		Dolomit	ca. 1 – 2 %

## CHEMISCHE ZUSAMMENSETZUNG

SiO <sub>2</sub>	53,10%
Al <sub>2</sub> O <sub>3</sub>	16,80%
TiO <sub>2</sub>	0,34%
Fe <sub>2</sub> O <sub>3</sub>	6,00%
MgO	4,80%
CaO	3,10%
Na <sub>2</sub> O	4,70%
K <sub>2</sub> O	1,90%
MnO <sub>2</sub>	0,09%
Glühverlust (1000°C)	9,70%
Fluorid	0,09%

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

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