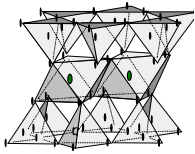


# Functional Materials Specialty Additives



CERATOSIL® XXMG



**CERATOSIL® XXMG** ist ein heller, aktivierter Calciumbentonit von niedrigem Eisengehalt, mit plastifizierender, stabilisierender und formgebender Wirkung. Er besitzt außerdem hervorragende Träger- und Füllstoffeigenschaften bei hoher Mahlfeinheit und hohem Wirkstoffgehalt.

## TPYISCHE EIGENSCHAFTEN

Farbe	hellelfenbein
Form	Pulver
Feuchte	10 ± 3 %
Schüttdichte	600 ± 70 kg/m <sup>3</sup>
Methylenblau-Adsorption	500 ± 40 mg/g
Brookfield Viskosität (50g/l, 1 h)	min. 200 mPas
Quellvolumen (H <sub>2</sub> O dest.)	min. 30 ml/2g
Enslin-Neff	ca. 600 %
pH-Wert	10 ± 1
Siebrückstand (63 µm, trocken)	max. 3 %
Siebrückstand (45 µm, nass)	max. 1 %

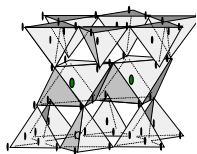
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# Functional Materials Specialty Additives



## CERATOSIL® XXMG

VERPACKUNG	MINERALISCHE ZUSAMMENSETZUNG		
Lose, in Big-Bags oder in Säcken	Hauptmineral	Montmorillonit	min. 80 %
	Begleitminerale	Quarz	max. 2 %
		Calcit	ca. 1 – 2 %

## CHEMISCHE ZUSAMMENSETZUNG

SiO <sub>2</sub>	59,00 %
Al <sub>2</sub> O <sub>3</sub>	17,60%
TiO <sub>2</sub>	0,27%
Fe <sub>2</sub> O <sub>3</sub>	3,60%
MgO	5,50%
CaO	2,00%
Na <sub>2</sub> O	3,80%
K <sub>2</sub> O	0,50%
MnO <sub>2</sub>	0,01%
Glühverlust (1000°C)	7,10%
Fluorid	0,15%

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

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