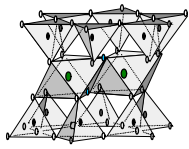


Functional Minerals Specialty Additives



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 ³
Methylenblau-Adsorption	500 ± 40 mg/g
Brookfield Viskosität (50g/l, 1 h)	min. 140 mPas
Quellvolumen (H ₂ O dest.)	min. 26 ml/2g
Enslin-Neff	ca. 600 %
pH-Wert	10 ± 1
Siebrückstand (63 µm, trocken)	max. 3 %
Siebrückstand (45 µm, nass)	max. 1 %

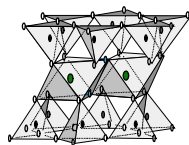
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Functional Minerals Specialty Additives



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 ₂	59,00 %
Al ₂ O ₃	17,60%
TiO ₂	0,27%
Fe ₂ O ₃	3,60%
MgO	5,50%
CaO	2,00%
Na ₂ O	3,80%
K ₂ O	0,50%
MnO ₂	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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