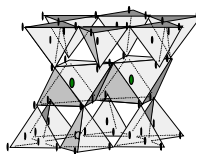


Functional Materials Specialty Additives



CERATOSIL® WG



CERATOSIL® WG ist ein weißer, hell-brennender Calciumbentonit mit geringen Gehalten an farbgebenden Metallsalzen (Fe_2O_3 , MnO_2 , TiO_2) für die Keramik- und Baustoffindustrie, in der farbempfindliche Produkte verarbeitet werden. Dabei entfaltet er seine plastifizierende, stabilisierende und formgebende Wirkung. Extrusionsverhalten und Herstellprozeß werden optimiert.

TYPISCHE EIGENSCHAFTEN

Farbe	signalweiß
Form	Pulver
Feuchte	5 ± 12 %
Schüttgewicht	650 ± 70 kg/m ³
Methylenblau-Adsorption	350 ± 40 mg/g
Quellvolumen	min 8 ml/2g
Enslin-Neff	min. 250 %
pH-Wert	9 ± 1
Siebrückstand (63µm, trocken)	max. 30 %
Weissgrad (Elrepho, R 457nm)	ca. 80 %

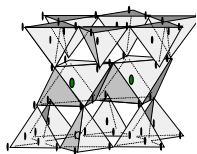
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VERPACKUNG	MINERALISCHE ZUSAMMENSETZUNG		
Lose	Hauptmineral	Montmorillonit	
Big Bags oder	Begleitminerale	Quarz	ca. 1 %
Säcke		Calcit	ca. 1- 2 %
		Cristobalit	ca. 2 - 5 %
		Feldspat	ca. 4 - 9 %

CHEMISCHE ZUSAMMENSETZUNG

SiO ₂	65,70%
Al ₂ O ₃	15,70%
TiO ₂	0,14%
Fe ₂ O ₃	1,20%
MgO	3,70%
CaO	2,90%
Na ₂ O	1,20%
K ₂ O	1,40%
MnO ₂	0,08%
Glühverlust (1000°C)	7,70%
Fluorid	0,25%

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

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