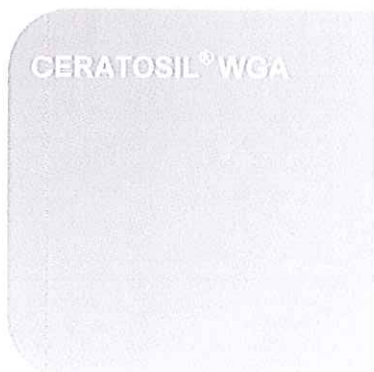
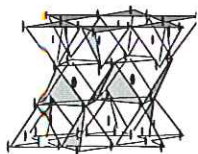


Functional Materials Specialty Additives



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

TYPISCHE EIGENSCHAFTEN

Farbe	reinweiß
Form	Pulver
Feuchte	5 - 12 %
Schüttgewicht	$670 \pm 70 \text{ kg/m}^3$
Methylenblau-Adsorption	$350 \pm 40 \text{ mg/g}$
Quellvolumen (H_2O dest.)	min. 18 ml/2g
Enslin-Neff	min. 400 %
pH-Wert	10 ± 1
Siebrückstand (63 μm , trocken)	max. 30 %
Weissgrad (Elrepho, R 457nm)	ca. 80 %

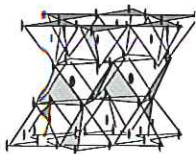
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Functional Materials Specialty Additives



CERATOSIL® WGA

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

CHEMISCHE ZUSAMMENSETZUNG

SiO ₂	64,80%
Al ₂ O ₃	15,40%
TiO ₂	0,14%
Fe ₂ O ₃	1,00%
MgO	3,40%
CaO	2,70%
Na ₂ O	3,00%
K ₂ O	1,70%
MnO ₂	0,08%
Glühverlust (1000°C)	6,80%
Fluorid	ca. 0,22%

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

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