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ULMER WEISS 15H**Chemical analysis of ULMER WEISS**

CaCO ₃	(DIN EN 15309)	98,5 %
MgCO ₃	(DIN EN 15309)	0,3 %
Fe ₂ O ₃	(DIN EN 15309)	0,04 %
Al ₂ O ₃	(DIN EN 15309)	0,1 %
SiO ₂ (Silicates)	(DIN EN 15309)	0,3 %
Volatile matter (105°C)	(DIN EN ISO 787-2)	< 0,2 %
Loss on ignition	(DIN EN 459-2)	43,3 %
HCl-insoluble	(DIN 55 918)	0,4 %

Physical data

Loose bulk density		0,8 g/cm ³
Packed bulk density	(DIN EN ISO 787-11)	1,5 g/cm ³
pH value	(DIN EN ISO 787-9)	9,6
Density	(DIN EN ISO 787-10)	2,7 g/cm ³
Hardness (Mohs)		3

Optical properties

Brightness	(C/2°, DIN 53163)	87	
Yellow-index	(DIN 6167)	11	
CIELAB-Colour values	(DIN 6174)	L*	94,7
		a*	0,4
		b*	5,0

The above data are average values from numerous measurements, published without legal commitment.

Sieve analysis (DIN 53 734)

Percentage of particles finer than	180 µm	99,8 %
	90 µm	96 %
	40 µm	78 %

Particle size distribution (Laser-Granulometer)

Percentage of particles finer than	16 µm	70 %
	8 µm	56 %
	4 µm	34 %
	2 µm	17 %

Mean particle size: 6,1 µm

**Particle size distribution curve of ULMER WEISS 15H
(Laser-Granulometer Sympatec Helos R3, Air jet sieve)**

