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ULMER WEISS SPH**Chemical analysis of ULMER WEISS**

CaCO ₃	99,2 %	
MgCO ₃	0,4 %	
Fe ₂ O ₃	0,035 %	
Al ₂ O ₃	0,1 %	
SiO ₂ (Silicates)	0,25 %	
Volatile matter (105°C)	(DIN EN ISO 787-2)	< 0,2 %
Loss on ignition	(DIN EN 459-2)	43,8 %
HCl-insoluble	(DIN 55 918)	0,3 %

Physical data

Loose bulk density		1,35 g/cm ³
Packed bulk density	(DIN EN ISO 787-11)	1,65 g/cm ³
Oil absorption	(DIN EN ISO 787-5)	< 5 g/100g
DOP absorption	(DIN EN ISO 787-5)	10 g/100g
Electrical conductivity (10%)	(DIN ISO 787-14)	38 µS/cm
pH value	(DIN EN ISO 787-9)	9,6
Density	(DIN EN ISO 787-10)	2,7 g/cm ³
Hardness (Mohs)		3
Refractive index		1,59

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

Sieve analysis (DIN 53 734)

Percentage of particles finer than	630 μm	98	%
	500 μm	94	%
	315 μm	69	%
	180 μm	30	%
	90 μm	8	%

Mean particle size: 260 μm

Particle size distribution curve of ULMER WEISS SPH (Air jet sieve)

